



PRICE LIST 01/2024

 <p>Laser Diodes</p>	 <p>LEDs</p>	 <p>Laser Modules</p>	 <p>Photodiodes</p>
 <p>LD - Pigtailed</p>	 <p>LEDs - High Power</p>	 <p>Laser Systems</p>	 <p>PD Amplifiers</p>
 <p>LD - Pigtailed HHL</p>	 <p>LEDs - High Power Arrays</p>	 <p>Laser Pointers</p>	 <p>PD Bare Dies</p>
 <p>LD Bare Dies</p>	 <p>VCSELs</p>	 <p>Laser Module Accessories</p>	
 <p>LD Optical Components</p>	 <p>LED Bare Dies</p>	 <p>Laser Safety Goggles</p>	
 <p>LD Drivers</p>	 <p>Quantum Optic Devices</p>	 <p>Detector Cards</p>	 <p>Interference Filters</p>

LASER DIODES



UV laser diodes
cw mode
5.6 mm package
375 - 1770 nm

Laser Diodes UV 375 - 400 nm	Status	MOQ	EUR / pc	USD / pc
RLU4116E, 375 ±5 nm, 70 mW, 40°C, 5.6 mm			6.188,00	6.775,50
RLU7216E, 375 ±5 nm, 200 mW, 30°C, 5.6 mm			6.199,00	6.787,55
SHD38200MG, 380 nm, 200 mW, MM, 30°C, 5.6 mm, without PD			440,50	482,32
SHD39300MGE, 390 nm, 300 mW, MM, 30°C, 5.6 mm, without PD	NEW		343,00	375,57
RLU4316E, 395 ±5 nm, 120 mW, 30°C, 5.6 mm			6.406,00	7.014,20
RLT395-300MGE, 395 ±10 nm, 300 mW, MM, 5.6 mm, without PD			280,50	307,13
Laser Diodes VIOLET 405 - 415 nm	Status	MOQ	EUR / pc	USD / pc
RLT405-10MGS, 405 nm, 10 mW, SM, 75°C, 5.6 mm			42,20	46,21
RLT405-20MG, 405 nm, 20 mW, 5.6 mm	EOL		19,90	21,79
DL-4146-101S, 405 nm, 20 mW, 75°C, 5.6 mm, SANYO			18,60	20,37
DL-5146-101S, 405 nm, 40 mW, 75°C, 5.6 mm, SANYO			25,43	27,84
RLT405-50MG, 405 nm, 50 mW, 5.6 mm	EOL		23,40	25,62
RLT405-120MGE, 405 nm, 120 mW, SM, 70°C, 5.6 mm, without PD			142,40	155,92
RLT405-120MGS, 405 nm, 120 mW, SM, 70°C, 5.6 mm			145,00	158,77
SHD40150MG, 405 nm, 150 mW, SM, 75°C, 5.6 mm, p-type	NEW		73,80	80,81
HL40041MG, 404 ±6 nm, 150 mW cw, MM, 50°C, 5.6 mm TO			93,32	102,18
RLT405-150MGE, 405 nm, 150 mW, SM, 70°C, 5.6 mm, without PD			166,20	181,98
RLT405-150MGS, 405 nm, 150 mW, SM, 70°C, 5.6 mm			142,90	156,47
HL40162MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, N-Type			299,50	327,94
HL40161MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, P-Type			299,50	327,94
HL40163MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, no PD			403,20	441,48
RLT405-200MGS, 405 nm, 200 mW, SM, 70°C, 3.8 mm, without PD			251,40	275,27
RLV4512, 405 nm, 200 mW, 70°C, 5.6 mm, without PD			183,48	200,90
RLT405-250MGS, 405 nm, 250 mW, SM, 70°C, 5.6 mm, without PD			379,80	415,86
SHD40300MGE, 405 nm, 300 mW, MM, 50°C, 5.6 mm, without PD	NEW		52,40	57,37
RLT405-300MGE, 405 nm, 300 mW, SM, 70°C, 5.6 mm, without PD		3 pcs.	404,60	443,01
HL40071MG, 405 ±5 nm, 300 mW cw, SM, 70°C, 5.6 mm TO			445,95	488,29
RLT405-400MGE, 405 nm, 400 mW, MM, 5.6 mm, without PD			163,90	179,46
HL40093MG, 404 ±6 nm, 400 mW cw, MM, 30°C, 5.6 mm TO, no PD			154,69	169,38
SHD40600MGE, 405 nm, 600 mW, MM, 30°C, 5.6 mm, without PD			88,10	96,46
RLT405-600MGE, 405 nm, 600 mW, MM, 5.6 mm, without PD			207,60	227,31
HL40113MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, no PD			425,52	465,92
HL40115MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, M-type			540,09	591,37
HL40173MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, no PD			597,84	654,60
HL40175MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, M-type			758,43	830,44
RLT405-1000MGE, 405 ±10 nm, 1 W, MM, 5.6 mm, without PD			214,30	234,65
HL40033G, 405 ±5 nm, 1.0 W cw, MM, 30°C, 9 mm TO, no PD			463,30	507,29
HL40085G, 405 ±5 nm, 1 W cw, MM, 30°C, 9 mm TO, M-type			566,58	620,37
RLT415-50CMG, 415 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT415-50PMG, 415 nm, 50 mW, 200 ns pulse, MM, 40°C, 5.6 mm	EOL		598,00	654,78
RLT415-200PMG, 415 nm, 200 mW, 200 ns pulse, MM, 40°C, 5.6 mm	EOL		850,00	930,70
Laser Diodes BLUE 420 - 488 nm	Status	MOQ	EUR / pc	USD / pc
RLT420-50CMG, 420 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT425-50CMG, 425 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT430-50CMG, 430 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT435-50CMG, 435 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT440-50CMG, 440 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
SHD445KGZE, 440 nm, 5.0 W, MM, 60°C, 9.0 mm, Z-diode, without PD	NEW		45,70	50,04
RLT445-50CMG, 445 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT445-4W-GOP-FAC, 445 ±10 nm, 4 W, MM, 9 mm, without PD, FAC lens (square beam)		2 pcs.	261,90	286,77
LD-445-5000G, 445 nm, 5.0 W, 90°C, 9 mm, without PD			85,40	93,51
RLT450-50CMG, 450 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
SHD4580MG, 450 nm, 80 mW, 70°C, 5.6 mm, without PD			21,70	23,76
LD-450-100SG, 450 nm, 100 mW, 70°C, 3.8 mm, without PD			23,20	25,40
RLT450-100MGE, 450 ±10 nm, 100 mW, TO18, SM, without PD			45,10	49,38
SHD452KMGE, 450 nm, 1.8 W, MM, 50°C, 5.6 mm, without PD	NEW		41,40	45,33
LD-450-2000MG, 447 nm, 2.0 W, 85°C, 5.6 mm, Z-diode, without PD	NEW		36,90	40,40
LD-450-3000G, 450 nm, 3.0 W, 85°C, 9 mm, without PD			67,50	73,91
NLD453500G, 450 nm, 3.5 W, 50°C, 9 mm, without PD			184,00	201,47
RLT455-50CMG, 455 ±2 nm, 50 mW, cw, 5.6 mm, without PD			1.140,00	1.248,23
RLT455-5W-GOP, 455 ±10 nm, 5 W, MM, 9 mm, without PD			167,00	182,86

RLT455-5W-GOP-FAC, 455 ±10 nm, 5 W, MM, 9 mm, without PD, FAC lens (square beam)		240,90	263,77		
RLT455-5W5-GOP-CL, 455 ±10 nm, 5.5 W, MM, 9 mm, without PD, collimating lens		107,10	117,27		
RLT460-50CMG, 460 ±2 nm, 50 mW, cw, 5.6 mm, without PD		1.140,00	1.248,23		
RLT465-50CMG, 465 ±2 nm, 50 mW, cw, 5.6 mm, without PD					
RLT465-3W-GOP, 465 ±10 nm, 3 W, MM, 9 mm, without PD	2 pcs.	309,50	338,88		
RLT465-3W-GOP-CL, 465 ±10 nm, 3 W, MM, 9 mm, Collimating lens		357,10	391,00		
RLT465-3W-GOP-FAC, 465 ±10 nm, 3 W, MM, 9 mm, without PD, FAC lens (square beam)	2 pcs.	309,50	338,88		
RLT470-50CMG, 470 ±2 nm, 50 mW, cw, 5.6 mm, without PD					
RLA4116, 473 ±5 nm, 100 mW, 60°C, 5.6 mm		6.199,00	6.787,55		
RLT480-60MGE, 480 ±5 nm, 60 mW, TO18, SM, without PD	2 pcs.	219,10	239,90		
RLT480-80MGE, 480 ±5 nm, 80 mW, TO18, SM, without PD	2 pcs.	328,60	359,80		
SHD4850MG, 488 nm, 50 mW, 60°C, 5.6 mm, without PD		142,80	156,36		
RLS4216, 488 ±5 nm, 200 mW, 60°C, 5.6 mm		6.687,00	7.321,88		
RLT488-60MGE, 488 ±10 nm, 60 mW, TO18, SM, without PD		223,40	244,61		
RLT488-80MGE, 488 ±10 nm, 80 mW, TO18, SM, without PD	2 pcs.	328,60	359,80		
RLT488-100MGE, 488 ±10 nm, 100 mW, TO18, SM, without PD		359,70	393,85		
RLT495-60MGE, 495 ±5 nm, 60 mW, TO18, SM, without PD	3 pcs.	242,80	265,85		
RLT495-80MGE, 495 ±5 nm, 80 mW, TO18, SM, without PD		299,50	327,94		
Laser Diodes GREEN 510 - 520 nm		Status	MOQ	EUR / pc	USD / pc
SHD5210MG, 520 nm, 10 mW, SM, 60°C, 5.6 mm, p-type		NEW		14,10	15,44
RLT510-50MGS, 510 nm, 50 mW, SM, 60°C, 5.6 mm, without PD				166,20	181,98
RLT510-80MGS, 510 nm, 80 mW, SM, 60°C, 5.6 mm, without PD				202,00	221,18
LD-515-10MG, 515 nm, 10 mW, 60°C, 5.6 mm				17,90	19,60
ADL-52051SM, 520 nm, 5 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC		NEW		18,60	20,37
ADL-52051SW, 520 nm, 5 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC		NEW		18,60	20,37
ADL-52101SM, 520 nm, 10 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC		NEW		22,60	24,75
ADL-52101SW, 520 nm, 10 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC		NEW		22,60	24,75
ADL-52151SM, 520 nm, 15 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC		NEW		23,90	26,17
LD-520-30SG, 520 nm, 30 mW, 70°C, 3.8 mm, without PD				63,40	69,42
SHD5230MG, 520 nm, 30 mW, SM, 60°C, 5.6 mm, p-type		NEW		14,50	15,88
LD-520-50MG, 520 nm, 50 mW, 60°C, 5.6 mm				48,00	52,56
LD-520-80SG, 520 nm, 80 mW, 60°C, 3.8 mm, without PD				69,90	76,54
SHD5250MG, 520 nm, 50 mW, SM, 60°C, 5.6 mm, p-type		NEW		32,80	35,91
RLT520-80MGE, 520 ±10 nm, 80 mW, TO18, SM, without PD	3 pcs.			104,30	114,20
SHD5280MG, 520 nm, 80 mW, SM, 60°C, 5.6 mm, p-type		NEW		44,30	48,51
RLT520-80MGS, 520 nm, 80 mW, SM, 60°C, 5.6 mm				99,26	108,68
LD-520-110SG, 520 nm, 110 mW, SM, 70°C, 3.8 mm, without PD				59,70	65,37
SHD52130MGE, 520 nm, 130 mW, SM, 60°C, 5.6 mm, without PD		NEW		54,80	60,00
GH0521DE2G, 520 nm, 130 mW, 60°C, 5.6mm, no PD				79,00	86,50
RLT520-140MGE, 520 nm, 140 mW, SM, 60°C, 5.6 mm, without PD				121,00	132,49
SHD52300MGE, 520 nm, 300 mW, MM, 60°C, 5.6 mm, without PD		NEW		44,30	48,51
RLT520-300MGE, 520 ±10 nm, 300 mW, MM, 5.6 mm, without PD				71,40	78,18
RLT520-600GOP, 520 ±15 nm, 600 mW, MM, 9 mm, without PD	2 pcs.			145,70	159,53
SHD521KGE, 520 nm, 1.0 W, MM, 60°C, 9.0 mm, without PD		NEW		80,90	88,58
NLD521000G, 520 nm, 1 W, 50°C, 9 mm, without PD				219,00	239,79
RLT520-1W5-GOP, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD	2 pcs.			251,40	275,27
RLT520-1W5-GOP-CL, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD, collimating lens				208,50	228,30
RLT520-1W5-GOP-FAC, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD, with FAC lens (line beam)				293,30	321,15
Laser Diodes RED 635 - 655 nm		Status	MOQ	EUR / pc	USD / pc
HL63163DG, 633 ±3 nm, 100 mW cw, SM, 40°C, 5.6 mm TO, no PD				153,74	168,34
S6305MG, 635 nm, 5 mW, SM, 50°C, 5.6 mm				4,82	5,28
QL63D5SA, 635 nm, 5 mW, SM, 50°C, 5.6 mm				6,03	6,60
ADL-63102TL, 635 nm, 10 mW, SM, 50°C, 5.6 mm				14,76	16,16
S6310MG, 635 nm, 10 mW, SM, 5.6 mm				15,79	17,29
QL63F5SA, 635 nm, 10 mW, SM, 50°C, 5.6 mm				15,25	16,70
QL63H5SA-R1, 639 nm, 20 mW, SM, 50°C, 5.6 mm				19,90	21,79
ADL-63301TL, 635 nm, 30 mW, SM, 40°C, 5.6 mm				30,90	33,83
ADL-63302TL, 635 nm, 30 mW, SM, 50°C, 5.6 mm				34,50	37,78
RLT635-100G, 635 nm, 100 mW, MM, 9 mm, without PD				154,00	168,62
RLT635-150-C, 635 nm, 150 mW, MM, C-mount				219,00	239,79
RLT635-150-TO3, 635 nm, 150 mW, MM, TO-3				179,90	196,98
RLT635-300-TO3, 635 nm, 300 mW, MM, TO-3				369,00	404,03
RLT635-500-TO3, 635 nm, 500 mW, MM, TO-3				444,00	486,15
RLT635-30MGS, 638 nm, 30 mW, SM, 40°C, 5.6 mm				38,10	41,72
RLT635-50MGS, 638 nm, 50 mW, SM, 50°C, 5.6 mm				68,20	74,68
RLT635-180MGE, 638 nm, 180 mW, SM, 50°C, 5.6 mm, without PD				59,50	65,15
RLT635-200MGS, 638 nm, 200 mW, SM, 60°C, 5.6 mm				71,40	78,18
HL63101MG, 637 +3/-7 nm, 5 mW cw, SM, 60°C, 5.6 mm TO, P-type				7,50	8,21
HL63102MG, 637 +3/-7 nm, 5 mW cw, SM, 60°C, 5.6 mm TO, N-type				7,50	8,21
HL6312G, 638 +2/-13 nm, 5 mW cw, SM, 50°C, 9 mm TO				18,03	19,74
HL6319G, 638 +2/-13 nm, 10 mW cw, SM, 50°C, 9 mm TO, P-type				40,42	44,26
HL6320G, 638 +2/-13 nm, 10 mW cw, SM, 50°C, 9 mm TO, N-type				42,17	46,17

HL6321G, 638 +2/-8 nm, 15 mW cw, SM, 50°C, 9 mm TO, P-type		57,47	62,93
HL6322G, 638 +2/-8 nm, 15 mW cw, SM, 50°C, 9 mm TO, N-type		51,50	56,39
HL6323MG, 639 +3/-4 nm, 30 mW cw, SM, 50°C, 5.6 mm TO		89,00	97,45
HL63142DG, 637 ±5 nm, 100 mW cw, SM, 50°C, 5.6 mm TO		172,94	189,36
HL63603TG, 638 +4/-6 nm, 120 mW cw, SM, 60°C, 3.8 mm TO, no PD		37,41	40,96
HL63153AT, 638 ±5 nm, 150 mW cw, SM, 60°C, 3.8 mm TO		49,85	54,58
HL63133DG, 638 ±5 nm, 170 mW cw, SM, 40°C, 5.6 mm TO, no PD		75,87	83,07
HL63263DG, 638 ±5 nm, 200 mW cw, SM, 40°C, 5.6 mm TO, no PD		98,78	108,16
ADL-63V0BTP, 638 nm, 500 mW, MM, 30°C, 5.6 mm, without PD		69,90	76,54
HL63193MG, 638 ±5 nm, 700 mW cw, MM, 40°C, 5.6 mm TO, no PD		37,18	40,71
HL63192DG, 638 -6/+5 nm, 700 mW cw, MM, 30°C, 5.6 mm TO, N-type		74,80	81,90
RLT635-700MGE, 638 ±10 nm, 700 mW, MM, 5.6 mm, without PD	2 pcs.	52,30	57,27
ADL-63T01NP, 638 nm, 800 mW, MM, 30°C, 9 mm, no PD		106,90	117,05
RLT635-1W-GOP, 638 ±10 nm, 1 W, MM, 9 mm, without PD	2 pcs.	119,00	130,30
RLT635-1W-GOP-FAC, 638 ±10 nm, 1 W, MM, 9 mm, FAC lens (square beam)	2 pcs.	214,30	234,65
HL63373HD, 638 ±6 nm, 1 W cw, MM, 45°C, 9 mm TO, no PD		72,97	79,90
RLT635-2W-GOP, 638 ±10 nm, 2 W, MM, 9 mm		178,60	195,56
RLT635-2W-GOP-FAC, 638 ±10 nm, 2 W, MM, 9 mm, FAC lens (square beam)		261,90	286,77
HL63283HD, 637 ±5 nm, 1.2 W cw, MM, 45°C, 9 mm TO, no PD		74,09	81,12
HL63623HD, 638 ±6 nm, 1.5 W cw, MM, 55°C, 9 mm TO, no PD		86,02	94,19
HL63290HD, 638 ±5 nm, 2.0 W cw, 2 chips, MM, 45°C, 9 mm TO, no PD		102,25	111,96
HL63520HD, 638 ±6 nm, 2.4 W cw, 2 chips, MM, 55°C, 9 mm TO, no PD		103,48	113,30
HL6358MG, 639 +4/-9 nm, 10 mW cw, SM, 50°C, 5.6 mm TO, N-type		11,05	12,10
HL6359MG, 639 +4/-9 nm, 10 mW cw, SM, 50°C, 5.6 mm TO, P-type		11,05	12,10
HL6395MG, 639 ±5 nm, 10 mW cw, SM, 60°C, 5.6 mm TO, P-type		21,10	23,10
HL6396MG, 639 ±5 nm, 10 mW cw, SM, 60°C, 5.6 mm TO, N-type		21,10	23,10
HL6360MG, 639 +4/-9 nm, 20 mW cw, SM, 50°C, 5.6 mm TO, N-type		19,44	21,29
HL6361MG, 639 +4/-9 nm, 20 mW cw, SM, 50°C, 5.6 mm TO, P-type		28,35	31,04
HL6397MG, 639 +4/-9 nm, 20 mW cw, SM, 60°C, 5.6 mm TO, P-type		34,52	37,80
HL6398MG, 639 +4/-9 nm, 20 mW cw, SM, 60°C, 5.6 mm TO, N-type		34,52	37,80
HL63583HD, 639 +4/-6 nm, 200 mW cw, SM, 50°C, 5.6 mm TO, no PD		84,69	92,73
HL63583DG, 639 +4/-6 nm, 200 mW cw, SM, 50°C, 5.6 mm TO, no PD		84,69	92,73
HL63391DG, 639 ±5 nm, 200 mW cw, SM, 60°C, 5.6 mm TO, P-type	EOL	111,12	121,67
HL63392DG, 639 ±5 nm, 200 mW cw, SM, 60°C, 5.6 mm TO, N-type	EOL	111,12	121,67
S6430MG, 640 nm, 30 mW, SM, 50°C, 5.6 mm		28,40	31,10
HL6362MG, 640 ±5 nm, 40 mW cw, SM, 50°C, 5.6 mm TO, N-type		75,94	83,15
HL6363MG, 640 ±5 nm, 40 mW cw, SM, 50°C, 5.6 mm TO, P-type		75,94	83,15
ADL-63501TL, 640 nm, 50 mW, SM, 50°C, 5.6 mm		52,90	57,92
HL63653TG, 640 ±5 nm, 200 mW cw, SM, 60°C, 3.8 mm TO, no PD		47,40	51,90
HL6366DG, 642 +3/-7 nm, 80 mW cw, SM, 50°C, 5.6 mm TO, N-type		126,84	138,88
HL6367DG, 642 +3/-7 nm, 80 mW cw, SM, 50°C, 5.6 mm TO, P-type		133,74	146,44
HL65014DG, 648.5 ±2 nm, 150 mW cw, SM, 40°C, 5.6 mm TO, no PD		758,11	830,09
RLT65300T, 650 nm, 300 mW, MM, TO-3, without PD		152,00	166,43
RLT650-500-T, 650 nm, 500 mW, MM, TO-3, without PD		275,00	301,11
RLT650-1000-C, 650 nm, 1 W, MM, C-mount	EOL	395,00	432,50
RLT650-1W-T, 658 nm, 1 W, multimode, 150x1 µm, TO-3		453,20	496,23
QL65D5SA, 650 nm, 5 mW, SM, 50°C, 5.6 mm		3,19	3,49
QL65D6SA, 655 nm, 5 mW, SM, 60°C, 5.6 mm		8,60	9,42
S6505MG, 655 nm, 5 mW, SM, 5.6 mm		3,57	3,91
ADL-65052TL, 655 nm, 5 mW, SM, 50°C, 5.6 mm, lowest operating current typ. 16 mA		3,40	3,72
ADL-65055TA4, 655 nm, 5 mW, SM, 50°C, 5.6 mm, integrated LD driver, APC, 3.0 VDC		3,95	4,33
QL65E7SB, 655 nm, 7 mW, SM, 70°C, 5.6 mm		8,43	9,23
QL65E7SC, 655 nm, 7 mW, SM, 70°C, 5.6 mm		8,43	9,23
QL65E8SA, 655 nm, 7 mW, SM, 85°C, 5.6 mm		15,72	17,21
ADL-65075SL, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package		7,04	7,71
ADL-65075SR, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package		5,10	5,58
ADL-65077SU, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package		8,75	9,58
ADL-65074TR, 655 nm, 7 mW, SM, 85°C, 5.6 mm, high temperature		6,77	7,41
ADL-65074TL, 655 nm, 7 mW, SM, 85°C, 5.6 mm, high temperature		6,77	7,41
ADL-65075TA4, 650 nm, 7 mW, SM, 70°C, 5.6 mm, integrated LD driver, APC, 3.0 VDC		7,14	7,82
QL65F6SA, 655 nm, 10 mW, SM, 60°C, 5.6 mm		6,49	7,11
QL65F7SA, 655 nm, 10 mW, SM, 70°C, 5.6 mm, high temperature		13,10	14,34
S6510MG, 655 nm, 10 mW, SM, 5.6 mm		9,54	10,45
S6530MG, 660 nm, 30 mW, MM, 5.6 mm		29,60	32,41
QL65I7SA, 655 nm, 30 mW, SM, 70°C, 5.6 mm		29,90	32,74
HL6501MG, 658 +7/-13 nm, 30 mW cw, SM, 60°C, 5.6 mm TO		25,89	28,35
RLT650-50MGS, 658 nm, 50 mW, SM, 60°C, 5.6 mm		47,60	52,12
HL65261MG, 658 +7/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, P-type		25,95	28,41
HL65262MG, 658 +7/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, N-type		25,95	28,41
HL65263MG, 658 +7/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, no PD		25,95	28,41
HL65264MG, 658 +7/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, no PD		25,95	28,41
RLT650-100MGS, 658 nm, 100 mW, SM, 60°C, 5.6 mm		126,00	137,96
RLT650-100MGE, 658 nm, 100 mW, SM, 60°C, 5.6 mm, without PD		33,40	36,57

RLT650-150MGE, 658 nm, 150 mW, SM, 60°C, 5.6 mm, without PD		42,90	46,97
RLT650-180MGE, 658 nm, 180 mW, SM, 50°C, 5.6 mm, without PD		47,62	52,14
RLT650-1W-C, 658 nm, 1 W, multimode, 150x1 µm, C-mount	2 pcs.	247,60	271,11
HL65213HD, 659 ±5 nm, 1.2 W cw, MM, 45°C, 9 mm TO, no PD		330,75	362,15
Laser Diodes RED 660 - 690 nm	Status	MOQ	EUR / pc
RLT6615G, 660 nm, 15 mW, SM, 9 mm	EOL		16,00
ADL-66201TL, 660 nm, 20 mW, SM, 60°C, 5.6 mm			28,80
ADL-66302TL, 660 nm, 30 mW, SM, 60°C, 5.6 mm			28,80
QL65J7SA, 660 nm, 50 mW, SM, 75°C, lop typ. 90 mA, 5.6 mm			64,60
QL65J7SC, 660 nm, 50 mW, SM, 75°C, lop typ. 90 mA, 5.6 mm		20 pcs.	52,90
ADL-66505TL, 660 nm, 50 mW, SM, 60°C, 5.6 mm, high temp., high power, high reliability			39,80
RLT6650G, 660 nm, 50 mW, SM, 9 mm	EOL		190,80
RLT6650GLI, 665 nm, 50 mW, MM, 9 mm	EOL		222,60
RLT6660MG, 660 nm, 60 mW, SM, 5.6 mm, without PD	EOL		64,66
RLT6680MG, 660 nm, 80/160 mW, cw/pulse, SM, 5.6 mm, without PD	EOL		76,00
RLT66100MGOP, 660 nm, 100 mW, MM, 5.6 mm, without PD			44,00
RLT66100MG, 660 nm, 100 mW, MM, 5.6 mm			52,80
S66100MG, 660 nm, 100 mW, MM, 50°C, lop typ. 190 mA, 5.6 mm			37,00
HL65241DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, P-type			90,34
HL65242DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, N-type			90,34
HL65243DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, no PD			81,92
HL65051DG, 660 +5/-8 nm, 120 mW cw, SM, 40°C, 5.6 mm TO			69,01
HL6545MG, 660 +4/-8 nm, 120 mW cw, SM, 75°C, 5.6 mm TO, no PD			29,22
HL65231DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, P-type			77,51
HL65232DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, N-type			77,51
HL65233DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, no PD			69,08
HL65221DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type			104,45
HL65222DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, N-type			104,45
HL65223DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, no PD			96,03
S66150MG, 660 nm, 150 mW, MM, 50°C, lop typ. 280 mA, 5.6 mm			42,00
RLT660-1W-C, 660 ±10 nm, 1 W, MM, C-Mount		2 pcs.	190,50
RLT660-1W-E, 660 ±10 nm, 1 W, MM, E-Mount		2 pcs.	238,10
RLT660-1W5-C, 660 ±10 nm, 1.5 W, MM, C-Mount		2 pcs.	350,60
RLT660-1W5-E, 660 ±10 nm, 1.5 W, MM, E-Mount		2 pcs.	404,60
QL67D6SA, 670 nm, 5 mW, SM, 60°C, 5.6 mm			8,30
S6705MG, 670 nm, 5 mW, SM, 5.6 mm			6,20
QL67F7SA, 670 nm, 10 mW, SM, 70°C, 5.6 mm		50 pcs.	26,90
HL67191MG, 670 ±10 nm, 15 mW cw, SM, 70°C, 5.6 mm TO, P-type			44,10
HL67192MG, 670 ±10 nm, 15 mW cw, SM, 70°C, 5.6 mm TO, N-type			44,10
RLT67300T, 670 nm, 300 mW, MM, TO-3, without PD			199,00
RLT67300C, 670 nm, 300 mW, MM, C-Mount			199,00
HL67001DG, 675 ±5 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type			673,77
RLT680-1W-C, 680 nm, 1 W, MM, 150x1 µm, C-mount		2 pcs.	392,70
QL68J6SA, 685 nm, 30 mW, 60°C, SM, 5.6 mm			49,90
QL68J6SA, 685 nm, 50 mW, 60°C, SM, 5.6 mm			61,60
HL6750MG, 685 ±10 nm, 50 mW cw, SM, 70°C, 5.6 mm TO			52,45
HL6738MG, 690 +5/-10 nm, 30 mW cw, SM, 70°C, 5.6 mm TO			35,96
HL69001DG, 690 ±5 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type			1.357,83
RLT690-1W-C, 690 ±10 nm, 1 W, MM, C-Mount		2 pcs.	712,10
Laser Diodes INFRARED 705 - 808 nm	Status	MOQ	EUR / pc
HL7001MG, 705 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, P-type			204,16
HL7002MG, 705 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, N-type			204,16
RLT700-50MGS, 700 nm, 50 mW, SM, 60°C, 5.6 mm			738,00
HL7301MG, 730 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, P-type			204,16
HL7302MG, 730 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, N-type			204,16
RLT730-50MGS, 730 nm, 50 mW, SM, 60°C, 5.6 mm			738,00
RLT735-10GS, 735 nm, 10 mW, SM, 9 mm			479,00
RLT760-10GS, 760 nm, 10 mW, SM, 9 mm			380,00
RLT760-5W-E, 760 ±10 nm, 5 W, MM, E-Mount		2 pcs.	285,70
RLT760-5W-H, 760 ±10 nm, 5 W, MM, H-Mount		2 pcs.	357,10
QL78D6SA, 780 nm, 5 mW, SM, 60°C, 5.6 mm			6,90
QL78D6SB, 780 nm, 5 mW, SM, 60°C, 5.6 mm			12,94
ADL-78101TL, 780 nm, 10 mW, SM, 60°C, 5.6 mm			8,70
QL78F6SA, 780 nm, 10 mW, SM, 60°C, 5.6 mm			14,50
QL78I6SA, 780 nm, 25 mW, SM, 60°C, 5.6 mm			19,80
QL78J6SA, 780 nm, 50 mW, SM, 60°C, 5.6 mm, n-type			25,00
QL78J6SB, 780 nm, 50 mW, SM, 60°C 5.6 mm, m-type			30,50
QL78J6SC, 780 nm, 50 mW, SM, 60°C 5.6 mm, p-type			30,50
RLT7870MG, 780 nm, 70 mW, SM, 5.6 mm, without PD			77,18
QL78M8SA, 780 nm, 90 mW, SM, 80°C, 5.6 mm			67,00
RLT780-150GS, 780 nm, 150 mW, SM, 9 mm, LDC=PDC			o.r.
RLT780-4W-C, 780 ±10 nm, 4 W, MM, C-Mount		2 pcs.	404,60

RLT780-4W-H, 780 ±10 nm, 4 W, MM, H-Mount	2 pcs.	472,00	516,81
RLT780-8W-E, 780 ±10 nm, 8 W, MM, E-Mount	2 pcs.	472,00	516,81
RLT780-8W-H, 780 ±10 nm, 8 W, MM, H-Mount	2 pcs.	530,80	581,20
ADL-78051TL, 785 nm, 5 mW, SM, 60°C, 5.6 mm		4,99	5,46
RLT7890MG, 785 nm, 90 mW, SM, 5.6 mm, without PD		79,50	87,05
RLT785-100MGSN, 785 nm, 100 mW, SM, 50°C, 5.6 mm		31,40	34,38
RLT785-120MGS, 785 ±15 nm, 120 mW, TO18, Built-in PD		62,90	68,87
RLT785-120MGSP, 785 ±15 nm, 120 mW, TO18, Built-in PD, Common LD(-) & PD(+)	5 pcs.	62,90	68,87
RLT785-150MGS, 785 nm, 150 mW, SM, 50°C, 5.6 mm		189,90	207,93
RLT780-1000G, 785 nm, 1 W, MM, 9 mm	6 pcs.	265,00	290,16
RLT785-5WC, 785 nm, 5 W, MM, 30°C, C-mount	3 pcs.	284,00	310,96
RLCT793-3WC, 793 nm, 3 W, MM, 30°C, C-mount		239,00	261,69
RLT80805MG, 808 nm, 5 mW, SM, 5.6 mm		39,54	43,29
RLT80810MG, 808 nm, 10 mW, SM, 5.6 mm	EOL	25,00	27,37
RLT808-150GS, 808 nm, 150 mW, SM, 9 mm		498,30	545,61
SLD302V, SONY, 808 nm, 200 mW, MM, 9 mm	EOL	83,74	91,69
S808200MG, 808 nm, 200 mW, MM, 50 µm, 5.6 mm		14,90	16,31
RLT808-300MG, 808 ±10 nm, 300 mW, MM, 5.6 mm		25,00	27,37
LDM-0808-300M-91, 808 ±5 nm, 300 mW, MM, 9 mm		44,00	48,18
LDM-0808-300M-11, 808 ±5 nm, 300 mW, MM, C-mount		35,00	38,32
LDM-0808-300M-31, 808 ±5 nm, 300 mW, MM, TO-3		40,00	43,80
S808500MG, 808 nm, 500 mW, MM, 50°C, lop typ. 520 mA, 5.6 mm		18,70	20,48
S808500G, 808 nm, 500 mW, MM, 50°C, lop typ. 520mA, 9 mm		29,70	32,52
ADL-80V03TL, 808 nm, 500 mW, MM, 50°C, 5.6 mm		49,80	54,53
RLT808-500MG, 808 ±10 nm, 500 mW, MM, 5.6 mm	3 pcs.	28,60	31,32
RLT808500G, 808 nm, 500 mW, MM, 9 mm		24,00	26,28
RLCO-808-500G, 808 nm, 500 mW, MM, 9 mm	EOL	45,00	49,27
LDM-0808-500M-92, 808 ±5 nm, 500 mW, MM, 9 mm		45,00	49,27
LDM-0808-500M-12, 808 ±5 nm, 500 mW, MM, C-mount		38,30	41,94
LDM-0808-500M-32, 808 ±5 nm, 500 mW, MM, TO-3		44,00	48,18
ADL-80Q11TZ, 808 nm, 1 W, MM, 60°C, 5.6 mm, no PD		47,15	51,63
S8081000G, 808 nm, 1 W, MM, 50°C, lop typ. 1.2 A, 9 mm		62,00	67,89
S8081WG, 808 nm, 1 W, MM, 50°C, lop typ. 1.2 A, 9 mm, without PD, no window glass		59,90	65,59
LDM-0808-1000-93, 808 ±5 nm, 1 W, MM, 9 mm		69,90	76,54
RLT808-1W-G, 808 ±10 nm, 1 W, MM, 100x1 µm, 9 mm	3 pcs.	83,90	91,87
LDM-0808-001W-13, 808 ±5 nm, 1 W, MM, C-mount		41,25	45,17
LDM-0808-001W-33, 808 ±5 nm, 1 W, MM, TO-3		49,90	54,64
RLT808-2W-GOP, 808 ±10 nm, 2 W, MM, 100x1 µm, 9 mm, without PD	3 pcs.	125,80	137,74
LDM-0808-002W-14, 808 ±5 nm, 2 W, MM, 150 µm, C-mount		61,90	67,78
LDM-0808-002W-35, 808 ±5 nm, 2 W, MM, TO-3		70,63	77,34
LDM-0808-3W-33, 808 ±5 nm, 3 W, MM, TO-3		139,00	152,20
RLT808-3W-TO3, 808 ±10 nm, 3 W, MM, 100x1 µm, TO-3	5 pcs.	174,80	191,40
RLT808-3W-C, 808 ±10 nm, 3 W, MM, C-mount	2 pcs.	145,70	159,53
RLCO-808-4000-TO3, 808 nm, 4 W, MM, TO-3	EOL	157,00	171,91
RLT8085000T, 808 ±5 nm, 5 W, mm, TO-3		137,00	150,01
RLT808-5W-C, 808 ±10 nm, 5 W, MM, C-mount	2 pcs.	280,50	307,13
RLT8085000TF, 808 ±5 nm, 4.5 W, mm, Fast Axis Collimator, TO-3		146,80	160,74
LDM-0808-005W-15, 808 ±5 nm, 5 W, MM, C-mount		154,70	169,39
RLT808-8W-E, 808 ±10 nm, 8 W, MM, E-Mount	2 pcs.	350,60	383,89
RLT808-8W-H, 808 ±10 nm, 8 W, MM, H-Mount	2 pcs.	438,30	479,91
RLT808-10W-E, 808 ±10 nm, 10 W, MM, E-Mount	2 pcs.	385,70	422,32
RLT808-10W-H, 808 ±10 nm, 10 W, MM, H-Mount	2 pcs.	472,00	516,81
Laser Diodes INFRARED 820 - 940 nm			
	Status	MOQ	EUR / pc
RLT820-100GS, 820 nm, 100 mW, SM, 60°C, 9 mm			640,00
RLT820-100MGS, 820 ±10 nm, 100 mW, SM, 50°C, 5.6 mm	2 pcs.		51,40
RLT820-150MGS, 820 ±10 nm, 150 mW, SM, 50°C, 5.6 mm	2 pcs.		59,40
RLT825-200MGS, 825 nm, 200 mW, SM, 60°C, 5.6 mm			538,00
ELD83NPT5, 830 ±10 nm, 5 mW, SM, 5.6 mm	EOL		32,86
S8305MG, 830 nm, 5 mW, lop <25 mA, MM, 40°C, 5.6 mm	EOL		11,44
QL83F6SA, 830 nm, 10 mW, SM, 60°C, 5.6 mm			12,90
RLT8320MG, 830 nm, 20 mW, SM, 5.6 mm			18,90
QL83H6SA, 830 nm, 20 mW, SM, 60°C, 5.6 mm			19,90
RLT8340MG, 830 nm, 40 mW, SM, 40°C, 5.6 mm			76,32
S8350MG, 830 nm, 50 mW, SM, 50°C, lop typ. 62 mA, 5.6 mm			28,40
HL83013MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, no PD			37,89
HL8337MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, N-type			47,73
HL8338MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, P-type			40,02
ADL-83Z01TL, 830 nm, 100 mW, SM, 60°C, 5.6 mm			36,90
S83100MG, 830 nm, 100 mW, MM, 50°C, lop typ. 115 mA, 5.6 mm			36,20
RLT830-100MGS, 830 nm, 100 mW, SM, 50°C, 5.6 mm			37,00
RLT830-100GS, 830 nm, 100 mW, SM, 9 mm			191,74
RLT830-150MGS, 830 nm, 150 mW, SM, 50°C, 5.6 mm			41,00

RLT830-150GS, 830 nm, 150 mW, SM, 9 mm		457,20	500,61
RLT830-200MGS, 830 nm, 200 mW, SM, 50°C, 5.6 mm		47,62	52,14
ADL-83Y01TL, 830 nm, 200 mW, SM, 60°C, 5.6 mm		40,80	44,67
QL83R6SA, 830 nm, 200 mW, SM, 60°C, 5.6 mm TO, N-type		83,20	91,10
RLT830-250MGS, 830 nm, 250 mW, SM, 50°C, 5.6 mm		59,50	65,15
S83300MG, 830 nm, 300 mW, MM, 50°C, lop typ. 410 mA, 5.6 mm		42,00	45,99
S83500MG, 830 nm, 500 mW, MM, 50°C, lop typ. 660 mA, 5.6 mm		48,00	52,56
RLT83500G, 830 nm, 500 mW, MM, 9 mm		92,00	100,73
RLT83500GOP, 830 nm, 500 mW, MM, 9 mm, without PD		96,70	105,88
RLT831000G, 830 nm, 1 W, MM, 9 mm		175,00	191,61
RLCO-830-1000-TO3, 830 nm, 1 W, MM, TO-3	EOL	93,00	101,83
RLT830-1WG-PD, 830 nm, 1 W, MM, 40°C, 9 mm, with PD		122,00	133,58
RLT830-1.5G, 830 nm, 1.5 W, MM, 9 mm		193,57	211,95
S8410MG, 840 nm, 10 mW, SM, 60°C, 5.6 mm, without PD		28,80	31,53
S8450MG, 840 nm, 50 mW, SM, 40°C, 5.6 mm, without PD		56,00	61,32
RLT840-200MGS, 840 nm, 200 mW, SM, 60°C, 5.6 mm		538,00	589,08
ADL-85051TL, 845 nm, 5 mW, SM, 50°C, 5.6 mm		12,50	13,69
ELD85NPT5, 850 ±10 nm, 5 mW, SM, 5.6 mm	EOL	26,25	28,74
QL85D6SA, 850 nm, 5 mW, SM, 60°C, 5.6 mm		6,29	6,89
QL85F6SA, 850 nm, 10 mW, SM, 60°C, 5.6 mm		8,90	9,74
QL85I6SA, 850 nm, 30 mW, SM, 60°C, 5.6 mm		31,90	34,93
QL85J6SA-L, 850 nm, 40 mW, SM, 60°C, 5.6 mm		39,00	42,70
QL85J6SC-L, 850 nm, 40 mW, SM, 60°C, 5.6 mm	20 pcs.	42,10	46,10
ADL-85501TL, 850 nm, 50 mW, SM, 50°C, 5.6 mm		43,99	48,17
RLT850-50MGS, 850 nm, 50 mW, SM, 40°C, 5.6 mm		46,10	50,48
S8550MG, 850 nm, 50 mW, SM, 60°C, 5.6 mm		26,80	29,34
HL8340MG, 852 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, N-type		40,02	43,82
HL8341MG, 852 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, P-type		55,22	60,46
HL8342MG, 852 ±4 nm, 50 mW cw, SM, 60°C, 5.6 mm TO	EOL	80,53	88,18
S85100MG, 850 nm, 100 mW, MM, 50°C, lop typ. 125 mA, 5.6 mm		29,90	32,74
RLT85100MG, 850 nm, 100 mW, MM, 5.6 mm		75,00	82,12
RLT850-100MGS, 850 nm, 100 mW, SM, 40°C, 5.6 mm		59,50	65,15
RLT850-150GS, 850 nm, 150 mW, SM, 9 mm		514,00	562,80
HL85021MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, P-type	NEW	62,40	68,32
HL85022MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, N-type	NEW	62,40	68,32
HL85023MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, no PD	NEW	62,40	68,32
S85300MG, 850 nm, 300 mW, MM, 50°C, lop typ. 435 mA, 5.6 mm		40,90	44,78
S85500MG, 850 nm, 500 mW, MM, 50°C, lop typ. 680 mA, 5.6 mm		45,90	50,26
RLT850-500MGE, 850 ±10 nm, 500 mW, MM, 5.6 mm, without PD	2 pcs.	78,20	85,62
RLT850-800MGE, 850 ±10 nm, 800 mW, MM, 5.6 mm, without PD	2 pcs.	97,80	107,09
RLT850-1000MGE, 850 ±10 nm, 1 W, MM, 5.6 mm, without PD	2 pcs.	117,30	128,44
RLT850M-1WG50, 850 nm, 1 W, 50 µm, MM, 9 mm		289,90	317,42
RLT855-10MG, 855 nm, 10 mW, lop <55 mA, SM, 5.6 mm		19,40	21,24
RLT860-1000G, 860 nm, 1 W, MM, 9 mm, without PD		186,60	204,32
RLT878-5MG, 878 nm, 5 mW, lop <35 mA, SM, 5.6 mm		22,40	24,53
S8810MG, 880 nm, 10 mW, 60°C, SM, 5.6 mm	EOL	18,80	20,58
RLT880-3W-C, 880 ±10 nm, 3 W, MM, C-Mount	2 pcs.	350,60	383,89
QL90F7SA, 904 nm, 10 mW, 70° C, SM, 5.6 mm		28,00	30,66
QL90F7SA-L, 905 nm, 10 mW, 70° C, SM, 5.6 mm		35,70	39,09
RLT905-20G, 905 nm, 20 mW, SM, 9 mm		407,00	445,64
RLT905-30G, 905 nm, 30 mW, SM, 9 mm		508,00	556,23
QLD905-40MG, 905 nm, 40 mW, SM, 70°C, 5.6 mm		63,00	68,98
RLT905-40G, 905 nm, 40 mW, SM, 9 mm		675,00	739,09
RLT905-50G, 905 nm, 50 mW, SM, 9 mm		731,00	800,40
RLT905-100GS, 905 nm, 100 mW, beam div. 25x40, SM, 9 mm		492,00	538,71
QL90R7SA, 905 nm, 200 mW, SM, 70°C, 5.6 mm TO, N-type		83,20	91,10
RLT905-500G, 905 nm, 500 mW, MM, 9 mm		132,00	144,53
RLT915-100GS, 915 nm, 100 mW, SM, 9 mm		414,00	453,31
RLT915-200GSN, 915 nm, 200 mW, SM, 9 mm, LDA=PDC		611,54	669,60
RLT915-300GS, 915 nm, 300 mW, SM, 9 mm, LDA=PDC		938,20	1.027,28
RLT91500G, 915 nm, 500 mW, MM, 9 mm		126,00	137,96
RLT915-1000G, 915 nm, 1000 mW, MM, 9 mm		246,98	270,43
RLT915-1000GOP, 915 nm, 1000 mW, MM, 9 mm, without PD		155,00	169,72
RLT915-10W-E, 915 ±10 nm, 10 W, MM, E-Mount	2 pcs.	315,60	345,56
RLT915-10W-H, 915 ±10 nm, 10 W, MM, H-Mount	2 pcs.	438,30	479,91
RLT915-12W-E, 915 ±10 nm, 12 W, MM, E-Mount	2 pcs.	350,60	383,89
RLT915-12W-H, 915 ±10 nm, 12 W, MM, H-Mount	2 pcs.	472,00	516,81
QL94J6SA, 940 nm, 50 mW, SM, 60°C, 5.6 mm		62,40	68,32
RLT940-100GS, 940 nm, 100 mW, SM, 9 mm		546,00	597,84
ADL-94Y01TL, 940 nm, 200 mW, SM, 60°C, 5.6 mm		32,47	35,55
QL94R6SA, 940 nm, 200 mW, SM, 60°C, 5.6 mm		71,00	77,74
RLT940-200GS, 940 nm, 200 mW, SM, 9 mm, LDC=PDC		566,70	620,50
QL94R6SA-S, 940 nm, 300 mW, SM, 60°C, 5.6 mm		71,00	77,74

RLT940-300GS, 940 nm, 300 mW, SM, 9 mm		3 pcs.	626,00	685,43
RLCO-940-2000-TO3, 940 nm, 2 W, MM, TO-3	EOL		100,00	109,49
RLCO-940-3000-TO3, 940 nm, 3 W, MM, TO-3	EOL		198,00	216,80
RLT940-3W-TO3, 940 nm, 3 W, MM, TO-3			o.r.	o.r.
RLT940-5W-TO3, 940 nm, 5 W, MM, TO-3		5 pcs.	308,60	337,90
RLT940-10W-E, 940 ±10 nm, 10 W, MM, E-Mount		2 pcs.	315,60	345,56
RLT940-10W-H, 940 ±10 nm, 10 W, MM, H-Mount		2 pcs.	438,30	479,91
RLT940-10W-H, 940 ±10 nm, 10 W, MM, H-Mount		2 pcs.	438,30	479,91
RLT940-12W-E, 940 ±10 nm, 12 W, MM, E-Mount		2 pcs.	350,60	383,89
RLT940-12W-H, 940 ±10 nm, 12 W, MM, H-Mount		2 pcs.	472,00	516,81
Laser Diodes INFRARED 980 - 1390 nm	Status	MOQ	EUR / pc	USD / pc
RLT9810MG, 980 nm, 10 mW, SM, 5.6 mm			84,80	92,85
RLT9820G, 980 nm, 20 mW, MM, 9 mm	EOL		100,70	110,26
RLT9830MG, 980 nm, 30 mW, SM, 5.6 mm			30,62	33,53
RLT9830G, 980 nm, 30 mW, SM, 9 mm	EOL		156,00	170,81
S9850MG, 980 nm, 50 mW, SM, 5.6 mm			6,80	7,45
RLT980-50MGS, 976 ±15 nm, 50 mW, TO18, SM, Built-in PD		2 pcs.	78,20	85,62
ELD98NPT50, 980 ±10 nm, 50 mW, SM, 9 mm			26,30	28,80
L98T50M, 980 nm, 50 mW, MM, 9 mm			22,00	24,09
S98100MG, 980 nm, 100 mW, MM, 5.6 mm			10,20	11,17
RLT980-150GS, 980 nm, 150 mW, SM, 9 mm			129,65	141,96
RLT980-200GS, 980 nm, 200 mW, SM, 9 mm			166,17	181,95
RLT980-300GS, 980 nm, 300 mW, SM, 9 mm		2 pcs.	611,00	669,01
S98200MG, 980 nm, 200 mW, MM, 5.6 mm			17,25	18,89
S98300G, 980 nm, 300 mW, MM, 9 mm			41,77	45,74
S98500G, 980 nm, 500 mW, MM, 9 mm			48,60	53,21
LDM-0980-300M-92, 980 ±10 nm, 300 mW, MM, 9 mm			45,80	50,15
L98T300M, 980 ±5 nm, 300 mW, MM, TO-3			76,00	83,22
RLT98500G, 980 nm, 500 mW, MM, 9 mm			108,00	118,25
RLT98500GOP, 980 nm, 500 mW, MM, 9 mm, without PD			68,60	75,11
LDM-0980-500M-12, 980 ±10 nm, 500 mW, MM, C-mount			47,00	51,46
LDM-0980-500M-32, 980 ±10 nm, 500 mW, MM, TO-3			87,00	95,26
RLT981000G, 980 ±10 nm, 1 W, MM, 9 mm			126,20	138,18
RLT980-1W-G, 980 ±10 nm, 1 W, MM, 9 mm		2 pcs.	163,90	179,46
LDM-0980-001W-13, 980 ±10 nm, 1 W, MM, C-mount			93,00	101,83
LDM-0980-001W-33, 980 ±10 nm, 1 W, MM, TO-3			99,00	108,40
LDM-0980-002W-15, 980 ±10 nm, 2 W, MM, C-mount			155,00	169,72
LDM-0980-002W-35, 980 ±10 nm, 2 W, MM, TO-3			158,00	173,00
RLT980-3W-C, 976 ±10 nm, 3 W, MM, C-Mount		2 pcs.	163,90	179,46
RLT980-4W-C, 976 ±10 nm, 4 W, MM, C-mount			182,10	199,39
RLT980-10W-E, 976 ±15 nm, 10 W, MM, E-mount		2 pcs.	214,00	234,32
RLT980-10W-H, 976 ±15 nm, 10 W, MM, H-mount		2 pcs.	309,50	338,88
RLT980-12W-E, 976 ±15 nm, 12 W, MM, E-mount		2 pcs.	350,60	383,89
RLT980-12W-H, 976 ±15 nm, 12 W, MM, H-mount		2 pcs.	472,00	516,81
RLT980-15W-E, 976 ±10 nm, 15 W, MM, E-mount		2 pcs.	404,60	443,01
RLT1030-100GS, 1030 nm, 100 mW, SM, 50°C, 9 mm			799,00	874,86
RLT1060-10G, 1060 nm, 10 mW, SM, 9 mm			330,00	361,33
RLT1060-20G, 1060 nm, 20 mW, SM, 9 mm			398,00	435,79
RLT1060-30G, 1060 nm, 30 mW, SM, 9 mm			410,00	448,93
RLT1060-50G, 1060 nm, 50 mW, SM, 9 mm			568,00	621,93
RLT1060-200GS, 1060 nm, 200 mW, SM, 30°C, 9 mm			756,00	827,78
RLT1064-50MGS, 1064 nm, 50 mW, SM, 40°C, 5.6 mm		2 pcs.	199,50	218,44
RLT1064-100GS, 1064 nm, 100 mW, SM, 60°C, 9 mm			o.r.	o.r.
RLT1060-100G, 1060 ±5 nm, 100 mW, SM, 9 mm, 50°C, LDC=PDC			482,00	527,76
RLT1060-200G, 1060 nm, 200 mW, SM, 9 mm			899,00	984,35
RLT1060-350G, 1064 nm, 350 mW, SM, 9 mm			593,48	649,83
RLT1060-500GS, 1064 nm, 500 mW, SM, 50°C, 9 mm, without PD			1.840,00	2.014,69
RLT1060M-1WG, 1064 nm, 1.0 W, MM, 9 mm			148,00	162,05
RLT1060-1000HHL, 1064 ±30 nm, 1.0 W, MM, HHL package			1.120,00	1.226,34
RLT1060M-2WC, 1064 nm, 2 W cw, MM, C-mount			336,00	367,90
RLT1060-3000HHL, 1060 ±20 nm, <3.0 W, MM, HHL package			1.960,00	2.146,09
RLT1064-8W-E, 1064 ±20 nm, 8 W, MM, E-Mount		2 pcs.	285,70	312,83
RLT1064-8W-H, 1064 ±20 nm, 8 W, MM, H-Mount		2 pcs.	357,10	391,00
RLT1064-10W-E, 1064 ±20 nm, 10 W, MM, E-Mount		2 pcs.	333,00	364,62
RLT1064-10W-H, 1064 ±20 nm, 10 W, MM, H-Mount		2 pcs.	381,00	417,17
RLT1080-80GS, 1080 nm, 80 mW, SM, 50°C, 9 mm			849,00	929,61
RLT1170-10GS, 1170 nm, 10 mW, SM, 50°C, 9 mm			1.040,00	1.138,74
RLT1260-500HHL, 1260 ±20 nm, 500 mW, MM, HHL package			1.680,00	1.839,50
RLT1260-750HHL, 1260 ±20 nm, 750 mW, MM, HHL package			2.240,00	2.452,67
RLT1270-10MGS-B, 1270 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93
RLT1270-20MGS-B, 1270 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94
RLT1270-30MGS-B, 1270 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens			308,60	337,90

RLT1290-10MGS-B, 1290 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens		189,90	207,93
RLT1290-20MGS-B, 1290 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		237,40	259,94
RLT1290-30MGS-B, 1290 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens		308,60	337,90
RLT1300-5G, 1300 nm, 5 mW, SM, 9 mm		223,00	244,17
RLT1300-10G, 1300 nm, 10 mW, SM, 9 mm		335,00	366,81
RLT1300-20G, 1300 nm, 20 mW, SM, 9 mm		357,00	390,89
RLT1300-30G, 1300 nm, 30 mW, SM, 9 mm		383,00	419,36
RLT1300-40G, 1300 nm, 40 mW, SM, 9 mm		451,00	493,82
RLT1300-50G, 1300 nm, 50 mW, SM, 9 mm		543,00	594,55
RLT1310-5MGS, 1310 nm, FP, 5 mW, SM, 85°C, 5.6 mm	5 pcs.	41,90	45,88
RLT1310-5MGS-P2, 1310 nm, FP, 5 mW, SM, 85°C, 5.6 mm, Pin Option 2		41,90	45,88
RLT1310-20MGS, 1310 nm, DFB, 20 mW, SM, 50°C, 5.6 mm		284,90	311,95
RLT1310-20MGS-B, 1310 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		237,40	259,94
RLT1310-30MGS, 1310 nm, DFB, 30 mW, SM, 45°C, 5.6 mm		273,00	298,92
RLT1310-30MGS-B, 1310 nm, DFB, 30 mW, SM, 45°C, 5.6 mm, lens		273,00	298,92

ML720A1S-E22E, 1310 nm, 4 mW, SM, 5.6 mm	EOL		21,91	23,99	
RLT1300-BL, 1310 nm, 5 mW, 5.6 mm, ball lens	EOL		5,00	5,47	
RLT1300-FW, 1310 nm, 5 mW, 5.6 mm, flat window	EOL		5,00	5,47	
LDS-1310-005-BL, 1310 ±10 nm, 5 mW, SM, 5.6 mm, ball lens, 4-Pin	EOL		9,60	10,51	
S1300-5MG-BL, 1310 nm, 5 mW, 85°C, ball lens, TO-56, 4-Pin (1.25 Gbps)			13,40	14,67	
S1300-5MG-FW, 1310 nm, 5 mW, 85°C, flat window, TO-56, 4-Pin (1.25 Gbps)			13,40	14,67	
RLT1330-10MGS-B, 1330 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1330-20MGS-B, 1330 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1330-30MGS-B, 1330 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens			308,60	337,90	
RLT1350-10MGS, 1350 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window			169,00	185,05	
RLT1350-10MGS-B, 1350 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1350-20MGS-B, 1350 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1350-30MGS-B, 1350 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens			308,60	337,90	
RLT1370-10MGS, 1370 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window			169,00	185,05	
RLT1370-10MGS-B, 1370 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			142,90	156,47	
RLT1370-20MGS-B, 1370 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1370-30MGS-B, 1370 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens			308,60	337,90	
RLT1390-10MGS, 1390 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window		3 pcs.	194,20	212,64	
RLT1390-10MGS-B, 1390 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			169,00	185,05	
RLT1390-10GS, 1390 nm, 10 mW, SM, 50°C, 9 mm			599,00	655,87	
RLT1390-20MGS-B, 1390 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1390-30MGS-B, 1390 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens			308,60	337,90	
Laser Diodes INFRARED 1410 - 1750 nm					
	Status	MOQ	EUR / pc	USD / pc	
RLT1410-10MGS, 1410 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window			189,90	207,93	
RLT1410-10MGS-B, 1410 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1410-15MGS, 1410 nm, DFB, 15 mW, SM, 50°C, 5.6 mm			189,00	206,94	
RLT1410-15MGS-B, 1410 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1410-20MGS-B, 1410 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1430-10MGS, 1430 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window			169,00	185,05	
RLT1430-10MGS-B, 1430 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1430-15MGS-B, 1430 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1430-20MGS-B, 1430 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1450-10MGS, 1450 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window			169,00	185,05	
RLT1450-10MGS-B, 1450 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1450-15MGS-B, 1450 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1450-20MGS-B, 1450 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1450-2W-E, 1450 ±40 nm, 2 W, MM, E-mount		2 pcs.	333,00	364,62	
RLT1450-2W-H, 1450 ±40 nm, 2 W, MM, H-mount		2 pcs.	381,00	417,17	
RLT1460-5MG, 1460 nm, 5 mW, SM, 5.6 mm	EOL		110,00	120,44	
RLT1470-5MGS, 1470 nm, DFB, 5 mW, SM, 70°C, 5.6 mm			340,00	372,28	
RLT1470-10MGS-B, 1470 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1470-10G, 1470 ±10 nm, 10 mW, SM, 9 mm			288,00	315,34	
RLT1470-15MGS-B, 1470 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1470-20MGS-B, 1470 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1470-20G, 1470 ±10 nm, 20 mW, SM, 9 mm			405,00	443,45	
RLT1470-30G, 1470 ±10 nm, 30 mW, SM, 9 mm					
RLT1470-3W-E, 1470 ±30 nm, >2.5 W, MM, E-mount		2 pcs.	333,00	364,62	
RLT1470-3W-H, 1470 ±30 nm, >2.5 W, MM, H-mount		2 pcs.	381,00	417,17	
RLT1480-5G, 1480 nm, 5 mW, SM, 9 mm					
RLT1480-10G, 1480 ±10 nm, 10 mW, SM, 9 mm			369,00	404,03	
RLT1480-20G, 1480 ±10 nm, 20 mW, SM, 9 mm			452,00	494,91	
RLT1490-5MGS, 1490 nm, DFB, 5 mW, SM, 70°C, 5.6 mm			340,00	372,28	
RLT1490-10MGS-B, 1490 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1490-10MGS, 1490 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, without PD			538,00	589,08	
LD1490-C010, 1490 nm, DFB, 10 mW, SM, PD, 5.6 mm			270,00	295,63	
RLT1490-15MGS-B, 1490 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1490-20MGS-B, 1490 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1500-10G, 1500 nm, 10 mW, SM, 9 mm					
RLT1500-20G, 1500 nm, 20 mW, SM, 9 mm					
RLT1500-30G, 1500 nm, 30 mW, SM, 9 mm					
RLT1510-5MGS, 1510 nm, DFB, 5 mW, SM, 70°C, 5.6 mm			340,00	372,28	
RLT1510-10MGS-B, 1510 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1510-15MGS, 1510 nm, DFB, 15 mW, SM, 50°C, 5.6 mm		2 pcs.	188,60	206,51	
RLT1510-15MGS-B, 1510 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1510-20MGS-B, 1510 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	
RLT1530-5MGS, 1530 nm, DFB, 5 mW, SM, 70°C, 5.6 mm			340,00	372,28	
RLT1530-10MGS-B, 1530 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens			189,90	207,93	
RLT1530-15MGS, 1530 nm, DFB, 15 mW, SM, 50°C, 5.6 mm		2 pcs.	188,60	206,51	
RLT1530-15MGS-B, 1530 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens			213,60	233,88	
RLT1530-20MGS-B, 1530 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens			237,40	259,94	

RLT1530-2W-E, 1530 ±40 nm, 2 W, MM, E-mount	2 pcs.	472,00	516,81
RLT1530-2W-H, 1530 ±40 nm, 2 W, MM, H-mount	2 pcs.	530,80	581,20
RLT1550-5G, 1550 nm, 5 mW, SM, 9 mm		299,00	327,39
RLT1550-5MGS, 1550 nm, FP, 5 mW, SM, 85°C, 5.6 mm	5 pcs.	41,90	45,88
RLT1550-5MGS-P2, 1550 nm, FP, 5 mW, SM, 85°C, 5.6 mm, Pin Option 2		41,90	45,88
RLT1550-10G, 1550 nm, 10 mW, SM, 9 mm		325,00	355,86
RLT1550-15MGS-B, 1550 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		213,60	233,88
RLT1550-15G, 1550 nm, 15 mW, SM, 9 mm		330,00	361,33
RLT1550-20G, 1550 nm, 20 mW, SM, 9 mm		339,00	371,19
RLT1550-20MGS, 1550 nm, DFB, 20 mW, SM, 50°C, 5.6 mm		199,10	218,00
RLT1550-20MGS-B, 1550 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		179,20	196,21
RLT1550-30G, 1550 nm, 30 mW, SM, 9 mm		415,00	454,40
RLT1550-40G, 1550 nm, 40 mW, SM, 9 mm		572,00	626,31
RLT1550-40GS, 1550 nm, 40 mW, SM, 50°C, 9 mm		524,00	573,75
RLT1550-100G, 1550 nm, 100 mW, lop typ. 800 mA, aperture 100x1 µm², MM, 9 mm		743,00	813,54
RLT1550-200GS, 1550 nm, 200 mW, SM, 50°C, 9 mm		1.360,00	1.489,12
RLT1550-250HHL, 1550 ±30 nm, 250 mW, MM, HHL package		1.613,00	1.766,14
RLT1550-500HHL, 1550 ±30 nm, 500 mW, MM, HHL package		1.963,00	2.149,37
RLT1550-2W5-E, 1550 ±30 nm, >2 W, MM, E-mount	2 pcs.	333,00	364,62
RLT1550-2W5-H, 1550 ±30 nm, >2 W, MM, H-mount	2 pcs.	381,00	417,17
RLT1570-5MGS, 1570 nm, DFB, 5 mW, SM, 70°C, 5.6 mm		340,00	372,28
RLT1570-10MGS-B, 1570 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens		189,90	207,93
RLT1570-15MGS-B, 1570 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		213,60	233,88
RLT1570-20MGS-B, 1570 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		237,40	259,94
RLT1590-10MGS-B, 1590 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens		169,00	185,05
RLT1590-15MGS-B, 1590 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		213,60	233,88
RLT1590-20MGS-B, 1590 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		237,40	259,94
RLT1600-10G, 1600 nm, 10 mW, SM, 9 mm		448,57	491,16
RLT1600-20G, 1600 nm, 20 mW, SM, 9 mm		538,67	589,81
RLT1600-30G, 1600 nm, 30 mW, SM, 9 mm		649,24	710,88
RLT1600-40G, 1600 nm, 40 mW, SM, 9 mm		786,43	861,10
RLT1600-300HHL, 1600 ±20 nm, 300 mW, MM, HHL package		o.r.	o.r.
RLT1610-10MGS-B, 1610 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens		189,90	207,93
RLT1610-15MGS-B, 1610 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		213,60	233,88
RLT1610-20MGS-B, 1610 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		237,40	259,94
RLT1620-10GS, 1620 nm, 10 mW, SM, 50°C, 9 mm		708,00	775,22
RLT1625-15MGS-B, 1625 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		308,60	337,90
RLT1625-20MGS-B, 1625 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		379,80	415,86
RLT1650-15MGS-B, 1650 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens		308,60	337,90
RLT1650-20MGS-B, 1650 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens		379,80	415,86
RLT1650-50GS, 1650 nm, 50 mW, SM, 50°C, 9 mm		840,00	919,75
RLT1725-300HHL, 1725 ±15 nm, 300 mW, MM, HHL package		o.r.	o.r.
RLT1750-10G, 1750 ±30 nm, 10 mW, SM, 9 mm		572,00	626,31
RLT1750-20G, 1750 ±20 nm, 20 mW, SM, 9 mm		679,00	743,47
RLT1750-30G, 1750 ±20 nm, 30 mW, SM, 9 mm		929,00	1.017,20
RLT1750-40G, 1750 ±20 nm, 40 mW, SM, 9 mm		1.250,00	1.368,68
RLT1750-300HHL, 1750 ±15 nm, 300 mW, MM, HHL package		o.r.	o.r.
RLT1770-10G, 1770 ±30 nm, 10 mW, SM, 9 mm		605,00	662,44
RLT1770-20G, 1770 ±20 nm, 20 mW, SM, 9 mm		o.r.	o.r.
RLT1770-30G, 1770 ±30 nm, 30 mW, SM, 9 mm		o.r.	o.r.
RLT1770-40G, 1770 ±20 nm, 40 mW, SM, 9 mm		o.r.	o.r.

LASER DIODES - SMD



Laser Diodes SMD 650 - 940 nm	Status	MOQ	EUR / pc	USD / pc
S6505SMD, 650 nm, 5 mW, SM, 70°C, SMD 5630, 5.6x3.0x0.8 mm			3,86	4,23
S808200SMD, 808 nm, 200 mW, MM, 50°C, SMD 5630, 5.6x3.0x0.8 mm			15,20	16,64
ADL-83Y511Y-F1, 830 nm, 250 mW, SMD 3.5x3.5x0.75 mm			35,24	38,59
ADL-85Y511Y-F1, 850 nm, 250 mW, SMD 3.5x3.5x0.75 mm			35,24	38,59
ADL-94Y01EY-F2, 940 nm, 200 mW, SMD 3.0x3.0x0.75 mm			22,62	24,77
ADL-94Y02IY-F1, 940 nm, 200 mW, SMD 3.5x3.5x0.75 mm			35,71	39,10

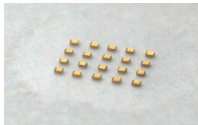
LASER DIODES - PULSED



high power pulsed laser diodes
850, 904, 1550, 1610 and 1625 nm

Laser Diodes PULSED 904 - 1625 nm	Status	MOQ	EUR / pc	USD / pc
PLD904-5-T, 904 nm, 5 W-pulse, 75 x 1 µm², TO-46	EOL		49,40	54,09
LDMP-0905-20W-51, 905 nm, 20 W, single emitter, 50...200ns, 0.05%, 370x1 µm², 5.6 mm			77,00	84,31
LDMP-0905-50W-93, 905 nm, 50 W, 2 stacks, 50...200 ns, 0.05%, 370x100 µm², 9 mm			159,00	174,10
QL90V8SM-7, 905 nm, 21 W pulse, 100 ns, 0.01%, 75x10 µm, 85°C, 5.6 mm TO, no PD			131,00	143,44
VL905P25M, 905 nm, 25 W, 100 ns, 0.05%, 60°C, 5.6 mm			27,80	30,44
QL90V8SM, 905 nm, 25 W pulse, 100 ns, 0.01%, 200x1 µm, 85°C, 5.6 mm TO, no PD			131,00	143,44
VL905P50, 905 nm, 50 W, 100 ns, 0.1%, 60°C, 5 mm epoxy			17,20	18,83
QL90W8SM, 905 nm, 50 W pulse, 100 ns, 0.01%, 200x5 µm, 85°C, 5.6 mm TO, no PD			143,00	156,58
VL905P75, 905 nm, 75 W, 100 ns, 0.1%, 60°C, 5 mm epoxy			23,70	25,95
QL90X8SM, 905 nm, 75 W pulse, 100 ns, 0.01%, 200x10 µm, 85°C, 5.6 mm TO, no PD			155,00	169,72
RLT-HPL905-50, 904 nm, 50 W-pulse, 50 ns, 370 x 100 µm², 9 mm	EOL		236,00	258,41
RLT1610-100MPG, 1610 nm, 1x200 µm, 100 mW-pulse, <1us, <50 kHz, 5%, Duty, 9 mm			198,00	216,80
LD1625-C120, 1625 nm, FP, 120 mW, SM, pulsed mode, 10 us PW, 1%, DC, 5.6 mm			449,50	492,18

LASER DIODES - BARE CHIP DIES



EPI wafer laser diode chip dies
635, 650, 980, 1310 nm

LD BARE CHIP DIES 635 - 1310 nm	Status	MOQ	EUR / pc	USD / pc
CHIP-635-P5, 635 nm, 5 mW, laser diode chip die, sm (no guarantee on bare dies!)		100 pcs.	2,69	2,95
CHIP-650-P5, 650 nm, 5 mW, laser diode chip, sm (no guarantee on bare dies!)		100 pcs.	2,23	2,44
CHIP-650-P30, 650 nm, 30 mW, laser diode chip, (no guarantee on bare dies!)		200 pcs.	16,45	18,01
CHIP-660-P100, 660 nm, 100 mW, laser diode chip, (no guarantee on bare dies!)		200 pcs.	19,57	21,43
CHIP-980-P52, 976 nm, 50 mW, laser diode chip die, sm (no guarantee on bare dies!)		100 pcs.	2,92	3,20
CHIP-1310-P5, 1310 nm, FP, 5 mW, SM, 2.5 GHz (no guarantee on bare dies!)		50 pcs.	5,16	5,65

LASER DIODES - PIGTAILED



Pigtailed Laser Diodes in coaxial package
- single and multi mode
- different connectors available
395 - 1650 nm

LD PIGTAILED UV 395 - 400 nm	Status	MOQ	EUR / pc	USD / pc
SPL375-100-C105M, 375 ±10 nm, 100 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial			1.085,70	1.188,78
SPL395-200-C105M, 395 ±10 nm, 200 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial			679,70	744,23
SPL395-200-C50M, 395 ±10 nm, 200 mW, MM fiber, 50 µm, N.A. 0.12, FC/PC, coaxial			793,00	868,29
SPL400-15-3-PD, 400 ±5 nm, 15 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD			1.078,90	1.181,33
SPL400-15-PM-PD, 400 ±5 nm, 15 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC, PD			1.294,70	1.417,62
SPL400-30-3-PD, 400 ±5 nm, 30 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD			1.294,70	1.417,62
SPL400-30-PM-PD, 400 ±5 nm, 30 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC, PD			1.510,50	1.653,91
SPL400-400-C105M, 400 ±5 nm, 400 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial			906,30	992,35
LD PIGTAILED VIOLET 405 - 415 nm	Status	MOQ	EUR / pc	USD / pc
SPL405-15-3, 405 nm, 15 mW, SM fiber, 3 µm, FC/PC			793,00	868,29
SPL405-15-3-PD, 405 nm, 15 mW, SM fiber, 3 µm, FC/PC, PD			906,30	992,35
SPL405-15-PM, 405 nm, 15 mW, PM fiber, 3 µm, FC/APC			1.078,90	1.181,33
SPL405-15-PM-PD, 405 nm, 15 mW, PM fiber, 3 µm, FC/APC, PD			1.294,70	1.417,62
SPL405-30-3, 405 nm, 30 mW, SM fiber, 3 µm, FC/PC			1.019,60	1.116,40
SPL405-30-3-PD, 405 nm, 30 mW, SM fiber, 3 µm, FC/PC, PD			879,00	962,45
SPL405-30-PM, 405 nm, 30 mW, PM fiber, 3 µm, FC/APC			1.294,70	1.417,62
SPL405-30-PM-PD, 405 nm, 30 mW, PM fiber, 3 µm, FC/APC, PD			1.402,60	1.535,77
SPL405-40-3-PD, 405 nm, 40 mW, SM fiber, 3 µm, FC/PC, PD			916,00	1.002,97
SPL405-50-3, 405 nm, 50 mW, SM fiber, 3 µm, FC/PC			1.186,80	1.299,48
SPL405-50-3-PD, 405 nm, 50 mW, SM fiber, 3 µm, FC/PC, PD			969,00	1.061,00
SPL405-50-PM, 405 nm, 50 mW, PM fiber, 3 µm, FC/APC			1.726,30	1.890,20
SPL405-200-C105M, 405 nm, 200 mW, MM fiber, 105 µm, FC/PC, coaxial package			453,20	496,23
SPL405-300-C105M, 405 nm, 300 mW, MM fiber, 105 µm, FC/PC, coaxial package			566,40	620,18

SPL405-300-C105M-SMA, 405 nm, 300 mW, MM fiber, 105 µm, SMA905, coaxial package	589,10	645,03		
SPL405-450-C105M, 405 nm, 450 mW, MM fiber, 105 µm, FC/PC, coaxial package	679,70	744,23		
SPL405-450-C105M-SMA, 405 nm, 450 mW, MM fiber, 105 µm, SMA905, coaxial package	702,40	769,09		
SPL410-300-C105M, 410 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial	1.078,90	1.181,33		
SPL413-300-C105M, 413 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial	1.294,70	1.417,62		
LD PIGTAILED BLUE 445 - 480 nm	Status	MOQ	EUR / pc	USD / pc
SPL445-15-3, 450 nm, 15 mW, SM fiber, 3 µm, FC/PC			453,20	496,23
SPL445-30-3, 450 nm, 30 mW, SM fiber, 3 µm, FC/PC			566,40	620,18
SPL445-30-PM, 450 nm, 30 mW, PM fiber, 3 µm, FC/APC			906,30	992,35
SPL445-40-3, 450 nm, 40 mW, SM fiber, 3 µm, FC/PC			679,70	744,23
SPL445-50-3, 450 nm, 50 mW, SM fiber, 3 µm, FC/PC			793,00	868,29
SPL445-50-PM, 450 nm, 50 mW, PM fiber, 3 µm, FC/APC			1.186,80	1.299,48
SPL445-50-105M, 450 nm, 50 mW, MM fiber, 105 µm, FC/PC			213,60	233,88
SPL445-70-3, 450 nm, 70 mW, SM fiber, 3 µm, FC/PC			1.186,80	1.299,48
SPL445-80-105M, 450 nm, 80 mW, MM fiber, 105 µm, FC/PC			226,60	248,11
SPL445-100-105M, 450 nm, 100 mW, MM fiber, 105 µm, FC/PC			271,90	297,71
SPL445-500-C105M, 450 nm, 500 mW, MM fiber, 105 µm, FC/PC, coaxial package			271,90	297,71
SPL445-800-105M, 450 nm, 800 mW, MM fiber, 105 µm, FC/PC			294,60	322,57
SPL445-1W-C105M, 450 nm, 1 W, MM fiber, 105 µm, FC/PC, coaxial package			339,90	372,17
SPL460-30-3, 460 nm, 30 mW, SM fiber, 3 µm, FC/PC			699,00	765,36
SPL460-30-PM, 460 nm, 30 mW, PM fiber, 3 µm, FC/APC			928,60	1.016,76
SPL460-50-3, 460 nm, 50 mW, SM fiber, 3 µm, FC/PC			928,60	1.016,76
SPL460-50-PM, 460 nm, 50 mW, PM fiber, 3 µm, FC/APC			1.207,10	1.321,71
SPL460-100-105M, 460 nm, 100 mW, MM fiber, 105 µm, FC/PC			566,40	620,18
SPL465-2W-105M, 465 nm, 2 W, MM fiber, 105 µm, FC/PC			793,00	868,29
SPL473-10-3, 473 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			1.078,90	1.181,33
SPL473-10-PM, 473 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.726,30	1.890,20
SPL473-20-3, 473 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			1.294,70	1.417,62
SPL473-20-PM, 473 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.942,10	2.126,49
SPL480-10-3, 480 ±5 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			1.078,90	1.181,33
SPL480-10-PM, 480 ±5 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.726,30	1.890,20
SPL480-20-3, 480 ±5 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			1.294,70	1.417,62
SPL480-20-PM, 480 ±5 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.942,10	2.126,49
LD PIGTAILED CYAN 488 - 495 nm	Status	MOQ	EUR / pc	USD / pc
SPL488-10-3, 488 nm, 10 mW, SM fiber, 3 µm, FC/PC			566,40	620,18
SPL488-10-PM, 488 nm, 10 mW, PM fiber, 3 µm, FC/APC			906,30	992,35
SPL488-20-3, 488 nm, 20 mW, SM fiber, 3 µm, FC/PC			679,70	744,23
SPL488-20-PM, 488 nm, 20 mW, PM fiber, 3 µm, FC/APC			1.019,60	1.116,40
SPL488-30-3, 488 nm, 30 mW, SM fiber, 3 µm, FC/PC			906,30	992,35
SPL488-30-PM, 488 nm, 30 mW, PM fiber, 3 µm, FC/APC			1.186,80	1.299,48
SPL488-40-105M, 488 nm, 40 mW, MM fiber, 105 µm, FC/PC			362,50	396,92
SPL488-50-105M, 488 nm, 50 mW, MM fiber, 105 µm, FC/PC			362,50	396,92
SPL495-10-3, 495 ±5 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			679,70	744,23
SPL495-10-PM, 495 ±5 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.019,60	1.116,40
SPL495-20-3, 495 ±5 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			793,00	868,29
SPL495-20-PM, 495 ±5 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.078,90	1.181,33
SPL495-50-105M, 495 ±5 nm, 50 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC			453,20	496,23
LD PIGTAILED GREEN 505 - 520 nm	Status	MOQ	EUR / pc	USD / pc
SPL505-10-3, 505 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			679,70	744,23
SPL505-10-PM, 505 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.019,60	1.116,40
SPL505-20-3, 505 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC			793,00	868,29
SPL505-20-PM, 505 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC			1.078,90	1.181,33
SPL505-30-105M, 505 ±10 nm, 30 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC			271,90	297,71
SPL505-50-105M, 505 ±10 nm, 50 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC			339,90	372,17
SPL510-10-SM, 510 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC con.			599,00	655,87
SPL510-10-PM, 510 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC con.			881,00	964,64
SPL510-20-SM, 510 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC con.			762,00	834,35
SPL510-20-PM, 510 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC con.			969,00	1.061,00
SPL520-1-3-PD, 520 nm, 1 mW, SM fiber, 3 µm, FC/PC, PD			271,90	297,71
SPL520-10-3-PD, 520 nm, 10 mW, SM fiber, 3 µm, FC/PC, PD			566,40	620,18
SPL520-10-PM-PD, 520 nm, 10 mW, PM fiber, 3 µm, FC/APC, PD			906,30	992,35
SPL520-20-3-PD, 520 nm, 20 mW, SM fiber, 3 µm, FC/PC, PD			793,00	868,29
SPL520-20-PM-PD, 520 nm, 20 mW, PM fiber, 3 µm, FC/APC, PD			1.078,90	1.181,33
SPL520-25-3-PD, 520 nm, 25 mW, SM fiber, 3 µm, FC/PC, PD			906,30	992,35
SPL520-30-3, 520 nm, 30 mW, SM fiber, 3 µm, FC/PC			598,00	654,78
SPL520-30-3-PD, 520 nm, 30 mW, SM fiber, 3 µm, FC/PC, PD			698,00	764,27
SPL520-30-PM, 520 nm, 30 mW, PM fiber, 3 µm FC/APC			1.019,60	1.116,40
SPL520-30-PM-PD, 520 nm, 30 mW, PM fiber, 3 µm, FC/APC, PD			1.078,90	1.181,33
SPL520-40-3, 520 nm, 40 mW, SM fiber, 3 µm, FC/PC			698,00	764,27
SPL520-40-PM, 520 nm, 40 mW, PM fiber, 3 µm, FC/APC			1.078,90	1.181,33
SPL520-40-PM-PD, 520 nm, 40 mW, PM fiber, 3 µm, FC/APC, PD			1.186,80	1.299,48
SPL520-50-3, 520 nm, 50 mW, SM fiber, 3 µm, FC/PC			895,00	979,97

SPL520-50-PM, 520 nm, 50 mW, PM fiber, 3 µm, FC/APC		1.402,60	1.535,77
SPL520-50-105M-PD, 520 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD		339,90	372,17
SPL520-80-9, 520 ±10 nm, 80 mW, SM fiber, 9 µm, N.A. 0.12, FC/PC		566,40	620,18
SPL520-80-105M, 520 nm, 80 mW, MM fiber, 105 µm, FC/PC		339,90	372,17
SPL520-100-105M, 520 nm, 100 mW, MM fiber, 105 µm, FC/PC		339,90	372,17
SPL520-200-105M, 520 nm, 200 mW, MM fiber, 105 µm, FC/PC		407,80	446,52
SPL520-800-105M, 520 nm, >700 mW, MM fiber, 105 µm, FC/PC		566,40	620,18
LD PIGTAILED RED 633 - 685 nm	Status	MOQ	EUR / pc
SPL633-30-4, 633 ±5 nm, 30 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC			679,70
SPL633-30-PM, 633 ±5 nm, 30 mW, PM fiber, 4 µm, N.A. 0.12, FC/APC			1.078,90
SPL633-50-4, 633 ±5 nm, 50 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC			906,30
SPL633-50-PM, 633 ±5 nm, 50 mW, PM fiber, 4 µm, N.A. 0.12, FC/APC			1.186,80
SPL635-1-4-PD, 635 nm, >1 mW, SM fiber, 4 µm, FC/PC, PD			189,90
SPL635-2-4-PD, 635 ±5 nm, 2 mW, SM fiber, 4 µm, FC/PC, PD			189,90
SPL635-3-4-PD, 638 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD			213,60
SPL635-5-4-PD, 638 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD			219,00
SPL635-5-105M-PD, 635 nm, 5 mW, MM fiber, 105 µm, FC/PC			124,10
SPL635-10-4-PD, 638 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD			339,90
SPL635-10-9-PD, 638 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD			213,60
SPL635-10-PM-PD, 638 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD			906,30
RLCD-S63-10, 635 ±5 nm, 10 mW, SM fiber, 4 µm, NA 0.13, FC/APC	EOL		440,00
RLCD-S63-20, 635 ±5 nm, 20 mW, SM fiber, 4 µm, NA 0.13, no connector, no photodiode	EOL		525,00
SPL635-30-4, 638 nm, 30 mW, SM fiber, 4 µm, FC/PC			453,20
SPL635-30-4-PD, 638 nm, 30 mW, SM fiber, 4 µm, FC/PC, PD			566,40
SPL635-30-PM-PD, 638 nm, 30 mW, PM fiber, 4 µm, FC/APC, PD			1.019,60
SPL635-30-105M-PD, 638 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD			213,60
SPL635-50-4, 638 nm, 50 mW, SM fiber, 4 µm, FC/PC			566,40
SPL635-50-4-PD, 638 nm, 50 mW, SM fiber, 4 µm, FC/PC, PD			566,40
SPL635-50-9, 638 nm, 50 mW, SM fiber, 9 µm, FC/PC			339,90
SPL635-50-9-PD, 638 nm, 50 mW, SM fiber, 9 µm, FC/PC, PD			339,90
SPL635-50-PM-PD, 638 nm, 50 mW, PM fiber, 4 µm, FC/APC, PD			1.078,90
SPL635-70-4, 638 nm, 70 mW, SM fiber, 4 µm, FC/PC			793,00
SPL635-80-4-PD, 638 nm, 80 mW, SM fiber, 4 µm, FC/PC, PD			906,30
SPL635-80-9, 638 nm, 80 mW, SM fiber, 9 µm, FC/PC			453,20
SPL635-80-9-PD, 638 nm, 80 mW, SM fiber, 9 µm, FC/PC, PD			453,20
SPL635-80-PM-PD, 638 nm, 80 mW, PM fiber, 4 µm, FC/APC, PD			1.726,30
SPL635-100-4-PD, 638 nm, 100 mW, SM fiber, 4 µm, FC/PC, PD			1.019,60
SPL635-100-9, 638 nm, 100 mW, SM fiber, 9 µm, FC/PC			499,50
SPL635-100-9-PD, 638 nm, 100 mW, SM fiber, 9 µm, FC/PC, PD		2 pcs.	499,50
SPL635-100-PM-PD, 638 nm, 100 mW, PM fiber, 4 µm, FC/APC, PD			1.942,10
SPL635-120-105M, 638 nm, 120 mW, MM fiber, 105 µm, FC/PC			213,60
SPL635-120-105M-PD, 638 nm, 120 mW, MM fiber, 105 µm, FC/PC, PD			226,60
SPL635-150-105M-PD, 638 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD			271,90
SPL635-300-105M, 638 nm, 300 mW, MM fiber, 105 µm, FC/PC			226,60
SPL635-350-105M, 638 nm, 350 mW, MM fiber, 105 µm, FC/PC			226,60
SPL635-400-105M, 638 nm, 400 mW, MM fiber, 105 µm, FC/PC			271,90
SPL635-1W-105M, 638 nm, 1 W, MM fiber, 105 µm, FC/PC			566,40
SPL635-1W8-200M, 638 nm, 1.8 W, MM fiber, 200 µm, FC/PC			679,70
SPL650-3-4-PD, 658 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD			248,20
SPL650-5-4-PD, 658 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD			249,20
SPL650-10-4-PD, 658 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD			317,20
SPL650-10-PM-PD, 658 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD			906,30
SPL650-15-4-PD, 658 nm, 15 mW, SM fiber, 4 µm, FC/PC, PD			362,50
SPL650-20-4-PD, 658 nm, 20 mW, SM fiber, 4 µm, FC/PC, PD			453,20
SPL650-20-C4, 658 nm, 20 mW, SM fiber, 4 µm, FC/PC, coaxial package			166,20
SPL650-20-C9, 658 nm, 20 mW, SM fiber, 9 µm, FC/PC, coaxial package			142,40
SPL650-30-PM, 658 nm, 30 mW, PM fiber, 4 µm, FC/APC			906,30
SPL650-30-105M-PD, 658 nm, 30 mW MM fiber, 105 µm, FC/PC, PD			189,90
SPL650-50-4, 658 nm, 50 mW, SM fiber, 4 µm, FC/PC			566,40
SPL650-50-9, 658 nm, 50 mW, SM fiber, 9 µm, FC/PC			262,00
SPL650-50-PM, 658 nm, 50 mW, PM fiber, 4 µm, FC/APC			1.019,60
SPL650-80-4, 658 nm, 80 mW, SM fiber, 4 µm, FC/PC			793,00
SPL650-80-PM, 658 nm, 80 mW, PM fiber, 4 µm, FC/APC			1.186,80
SPL650-80-9, 658 nm, 80 mW, SM fiber, 9 µm, FC/PC			339,90
SPL650-100-9, 658 nm, 100 mW, SM fiber, 9 µm, FC/PC			453,20
SPL650-100-4, 658 nm, 100 mW, SM fiber, 4 µm, FC/PC			1.019,60
SPL650-100-PM, 658 nm, 100 mW, PM fiber, 4 µm, FC/APC			1.510,50
SPL650-120-105M, 658 nm, 120 mW, MM fiber, 105 µm, FC/PC			226,60
SPL650-150-105M, 658 nm, 150 mW, MM fiber, 105 µm, FC/PC			271,90
SPL650-1W-105M, 658 nm, 1 W, MM fiber, 105 µm, FC/PC			861,00

SPL670-3-4-PD, 670 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD	566,40	620,18		
SPL670-3-PM-PD, 670 nm, 3 mW, PM fiber, 4 µm, FC/APC, PD	906,30	992,35		
SPL670-5-4-PD, 670 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD	793,00	868,29		
SPL670-5-PM-PD, 670 nm, 5 mW, PM fiber, 4 µm, FC/APC, PD	1.019,60	1.116,40		
SPL670-5-105M-PD, 670 nm, 5 mW, MM fiber, 105 µm, FC/PC, PD	271,90	297,71		
SPL670-10-105M-PD, 670 nm, 10 mW, MM fiber, 105 µm, FC/PC, PD	339,90	372,17		
SPL670-50-SM, 670 ±10 nm, 50 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC con.	599,00	655,87		
SPL670-50-PM, 670 ±10 nm, 50 mW, PM fiber, 4 µm, N.A. 0.12, FC/PC con.	857,00	938,37		
SPL685-10-4-PD, 685 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD	566,40	620,18		
SPL685-10-PM-PD, 685 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD	906,30	992,35		
SPL685-15-4-PD, 685 nm, 15 mW, SM fiber, 4 µm, FC/PC, PD	679,70	744,23		
SPL685-15-PM-PD, 685 nm, 15 mW, PM fiber, 4 µm, FC/APC, PD	1.019,60	1.116,40		
SPL685-20-4-PD, 685 nm, 20 mW, SM fiber, 4 µm, FC/PC, PD	793,00	868,29		
SPL685-20-PM-PD, 685 nm, 20 mW, PM fiber, 4 µm, FC/APC, PD	1.186,80	1.299,48		
SPL685-30-105M-PD, 685 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD	294,60	322,57		
LD PIGTAILED INFRARED 785 - 940 nm	Status	MOQ	EUR / pc	USD / pc
SPL785-5-5-PD, 785 nm, 5 mW, SM fiber, 5 µm, FC/PC, PD			328,60	359,80
SPL785-30-5-PD, 785 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL785-30-PM-PD, 785 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL785-40-5-PD, 785 nm, 40 mW, SM fiber, 5 µm, FC/PC, PD			793,00	868,29
SPL785-40-PM-PD, 785 nm, 40 mW, PM fiber, 5 µm, FC/APC, PD			1.019,60	1.116,40
SPL785-50-5-PD, 785 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			1.019,60	1.116,40
SPL785-50-PM-PD, 785 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD			1.186,80	1.299,48
SPL785-50-105M-PD, 785 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD			226,60	248,11
SPL808-20-5-PD, 808 nm, 20 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL808-20-PM-PD, 808 nm, 20 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL808-30-PM-PD, 808 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD			1.019,60	1.116,40
RLCD-M81-40, 808 ±5 nm, 40 mW, MM fiber, 62.5 µm, FC connector			240,00	262,79
SPL808-40-5-PD, 808 nm, 40 mW, SM fiber, 5 µm, FC/PC, PD			793,00	868,29
SPL808-50-5-PD, 808 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			1.019,60	1.116,40
RLCD-M81-60, 808 ±5 nm, 60 mW, MM fiber, 62.5 µm, FC connector			237,60	260,16
SPL808-30-5-PD, 808 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			679,70	744,23
SPL808-150-65M-PD, 808 nm, 150 mW, MM fiber, 62.5 µm, FC/PC, PD			201,80	220,96
SPL808-200-105M-PD, 808 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD			201,80	220,96
SPL830-5-5-PD, 830 nm, 5 mW, SM fiber, 5 µm, FC/PC, PD			362,50	396,92
SPL830-30-5-PD, 830 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL830-30-PM-PD, 830 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD			793,00	868,29
SPL830-50-5-PD, 830 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			679,70	744,23
SPL830-50-PM-PD, 830 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL830-80-5-PD, 830 nm, 80 mW, SM fiber, 5 µm, FC/PC, PD			906,30	992,35
SPL830-80-PM-PD, 830 nm, 80 mW, PM fiber, 5 µm, FC/APC, PD			1.078,90	1.181,33
SPL830-100-5-PD, 830 nm, 100 mW, SM fiber, 5 µm, FC/PC, PD			1.186,80	1.299,48
SPL830-100-PM-PD, 830 nm, 100 mW, PM fiber, 5 µm, FC/APC, PD			1.186,80	1.299,48
SPL830-150-105M-PD, 830 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD			226,60	248,11
SPL830-200-105M-PD, 830 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD			271,90	297,71
SPL850-10-5-PD, 850 nm, 10 mW, SM fiber, 5 µm, FC/PC, PD			453,20	496,23
SPL850-30-5-PD, 850 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL850-30-PM-PD, 850 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL850-50-5-PD, 850 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			679,70	744,23
SPL850-50-PM-PD, 850 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD			1.019,60	1.116,40
SPL850-50-105M-PD, 850 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD			178,00	194,90
SPL850-70-5-PD, 850 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			793,00	868,29
SPL850-70-PM-PD, 850 nm, 70 mW, PM fiber, 5 µm, FC/APC, PD			1.186,80	1.299,48
SPL850-120-105M-PD, 850 nm, 120 mW, MM fiber, 105 µm, FC/PC, PD			226,60	248,11
SPL850-200-105M-PD, 850 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD			271,90	297,71
SPL880-2-5-PD, 880 nm, >1 mW, SM fiber, 5 µm, FC/PC, PD			453,20	496,23
SPL880-2-PM-PD, 880 nm, >1 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL880-2-105M-PD, 880 nm, 2 mW, MM fiber, 105 µm, FC/PC, PD			271,90	297,71
SPL905-30-5-PD, 905 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL905-30-PM-PD, 905 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD			906,30	992,35
SPL905-50-4-PD, 905 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			679,70	744,23
SPL905-50-PM-PD, 905 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD			1.019,60	1.116,40
SPL905-50-105-PD, 905 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD			249,20	272,86
SPL905-70-4-PD, 905 nm, 70 mW, SM fiber, 5 µm, FC/PC, PD			906,30	992,35
SPL905-100-105-PD, 905 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD			294,60	322,57
SPL940-30-5-PD, 940 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD			566,40	620,18
SPL940-30-9-PD, 940 nm, 30 mW, SM fiber, 9 µm, FC/PC, PD			271,90	297,71
SPL940-30-PM-PD, 940 ±10 nm, 30 mW, PM fiber, 4 µm, FC/APC			906,30	992,35
SPL940-50-5-PD, 940 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD			679,70	744,23
SPL940-50-9-PD, 940 nm, 50 mW, SM fiber, 9 µm, FC/PC, PD			339,90	372,17
SPL940-50-PM-PD, 940 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD			1.019,60	1.116,40
SPL940-80-5-PD, 940 nm, 80 mW, SM fiber, 5 µm, FC/PC, PD			793,00	868,29

SPL940-80-PM-PD, 940 nm, 80 mW, PM fiber, 5 µm, FC/APC, PD			1.078,90	1.181,33		
SPL940-100-5-PD, 940 nm, 100 mW, SM fiber, 5 µm, FC/PC, PD			906,30	992,35		
SPL940-100-9-PD, 940 nm, 100 mW, SM fiber, 9 µm, FC/PC, PD			453,20	496,23		
SPL940-100-105M-PD, 940 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD			271,90	297,71		
SPL940-150-105M-PD, 940 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD			339,90	372,17		
SPL940-200-105M-PD, 940 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD			407,80	446,52		
LD PIGTAILED INFRARED 980 - 1390 nm			Status	MOQ	EUR / pc	USD / pc
SPL980-10-6-PD, 976 nm, 10 mW, SM fiber, 6 µm, FC/PC, PD			339,90		372,17	
SPL980-10-9-PD, 976 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD			189,90		207,93	
SPL980-15-9-PD, 976 nm, 15 mW, SM fiber, 9 µm, FC/PC, PD			214,30		234,65	
SPL980-20-9-PD, 976 nm, 20 mW, SM fiber, 9 µm, FC/PC, PD			238,10		260,71	
SPL980-100-105M-PD, 976 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD			189,90		207,93	
SPL980-150-105M-PD, 976 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD			213,60		233,88	
SPL1064-10-6-PD, 1064 nm, 10 mW, SM fiber, 6 µm, FC/PC, PD			399,00		436,88	
SPL1064-10-9-PD, 1064 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD			360,10		394,29	
SPL1064-10-PM-PD, 1064 nm, 10 mW, PM fiber, 6 µm, FC/APC, PD			761,90		834,24	
SPL1064-15-6-PD, 1064 nm, 15 mW, SM fiber, 6 µm, FC/PC, PD			566,40		620,18	
SPL1064-20-PM-PD, 1064 nm, 20 mW, PM fiber, 6 µm, FC/APC, PD			1.019,60		1.116,40	
SPL1064-30-6-PD, 1064 nm, 30 mW, SM fiber, 6 µm, FC/PC, PD			645,80		707,11	
SPL1064-30-PM-PD, 1064 nm, 30 mW, PM fiber, 6 µm, FC/APC, PD			1.019,60		1.116,40	
SPL1064-30-105M-PD, 1064 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD			294,60		322,57	
SPL1064-50-9-PD, 1064 nm, 50 mW, SM fiber, 9 µm, FC/PC, PD			566,40		620,18	
SPL1064-50-6-PD, 1064 nm, 50 mW, SM fiber, 6 µm, FC/PC, PD						
SPL1064-100-105M-PD, 1064 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD			339,90		372,17	
SPL1270-2-C9-PDI, 1270 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1270-2-PM-PDI, 1270 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1270-5-9-PDI, 1270 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1270-5-PM-PDI, 1270 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1270-10-9-PDI, 1270 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	
SPL1270-10-PM-PDI, 1270 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.078,90		1.181,33	
SPL1290-2-9-PDI, 1290 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			339,90		372,17	
SPL1290-2-C9-PDI, 1290 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1290-2-PM-PDI, 1290 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1290-5-9-PDI, 1290 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1290-5-PM-PDI, 1290 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1290-10-9-PDI, 1290 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	
SPL1290-10-PM-PDI, 1290 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.078,90		1.181,33	
FU-17SLD-F3M1, 1310 ±20 nm, 0,5 mW, FC-receptacle			142,04		155,53	
LFO-14-IP, 1310 ±20 nm, 1 mW, FP, SM, 9/125 fiber, FC connector		EOL	262,00		286,87	
LFO-14-D, 1310 ±20 nm, >1 mW, FP, SM, 9/125 fiber, FC connector, internal driver, 3V		EOL	283,00		309,87	
SPL1310FP-1-C9-PD, 1310 nm, 1 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package				3 pcs.	79,30	86,83
SPL1310FP-2-C9-PD, 1310 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package					102,00	111,68
SPL1310-2-C9-PDI, 1310 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1310-2-PM-PDI, 1310 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1310-3-C9-PD, 1310 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, coaxial package			189,90		207,93	
SPL1310-5-9-PDI, 1310 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD			226,60		248,11	
SPL1310-5-9-PDI, 1310 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1310-5-PM-PDI, 1310 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1310-10-9-PD, 1310 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD			305,90		334,94	
SPL1310-10-9-PDI, 1310 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	
SPL1310-10-PM-PD, 1310 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD			799,00		874,86	
SPL1310-10-PM-PDI, 1310 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.019,60		1.116,40	
SPL1310-15-9-PD, 1310 nm, 15 mW, DFB, SM fiber, 9 µm, FC/PC, PD			362,50		396,92	
SPL1310-15-PM-PD, 1310 nm, 15 mW, DFB, PM fiber, 9 µm, FC/APC, PD			1.019,60		1.116,40	
SPL1310-15-PM-PDI, 1310 nm, 15 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.087,60		1.190,86	
SPL1330-2-C9-PDI, 1330 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1330-2-PM-PDI, 1330 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1330-5-9-PDI, 1330 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1330-5-PM-PDI, 1330 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1330-10-9-PDI, 1330 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	
SPL1330-10-PM-PDI, 1330 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.078,90		1.181,33	
SPL1350-2-C9-PDI, 1350 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1350-2-PM-PDI, 1350 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1350-5-9-PDI, 1350 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1350-5-PM-PDI, 1350 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1350-10-9-PDI, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	
SPL1350-10-PM-PDI, 1350 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			1.078,90		1.181,33	
SPL1370-2-C9-PDI, 1370 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package			339,90		372,17	
SPL1370-2-PM-PDI, 1370 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			793,00		868,29	
SPL1370-5-9-PDI, 1370 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			407,80		446,52	
SPL1370-5-PM-PDI, 1370 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator			906,30		992,35	
SPL1370-10-9-PDI, 1370 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator			498,50		545,83	

SPL1370-10-PM-PDI, 1370 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1390-2-C9-PDI, 1390 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1390-2-PM-PDI, 1390 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1390-5-9-PDI, 1390 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1390-5-PM-PDI, 1390 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1390-10-9-PDI, 1390 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1390-10-PM-PDI, 1390 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
LD PIGTAILED INFRARED 1410 - 1650 nm	Status	MOQ	EUR / pc
SPL1410-2-C9-PDI, 1410 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1410-2-PM-PDI, 1410 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1410-5-9-PDI, 1410 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1410-5-PM-PDI, 1410 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1410-10-9-PDI, 1410 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1410-10-PM-PDI, 1410 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1430-2-C9-PDI, 1430 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1430-2-PM-PDI, 1430 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1430-5-9-PDI, 1430 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1430-5-PM-PDI, 1430 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1430-10-9-PDI, 1430 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1430-10-PM-PDI, 1430 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1450-2-C9-PDI, 1450 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1450-2-PM-PDI, 1450 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1450-5-9-PDI, 1450 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1450-5-PM-PDI, 1450 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1450-10-9-PDI, 1450 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1450-10-PM-PDI, 1450 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1470-2-C9-PDI, 1470 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1470-2-PM-PDI, 1470 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1470-5-9-PDI, 1470 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1470-5-PM-PDI, 1470 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1470-10-9-PDI, 1470 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1470-10-PM-PDI, 1470 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1490-2-C9-PDI, 1490 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1490-2-PM-PDI, 1490 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1490-5-9-PDI, 1490 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1490-5-PM-PDI, 1490 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1490-10-9-PDI, 1490 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1490-10-PM-PDI, 1490 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1510-2-C9-PDI, 1510 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1510-2-PM-PDI, 1510 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1510-5-9-PDI, 1510 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1510-5-PM-PDI, 1510 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1510-10-9-PDI, 1510 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1510-10-PM-PDI, 1510 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1530-2-C9-PDI, 1530 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1530-2-PM-PDI, 1530 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1530-5-9-PDI, 1530 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1530-5-9-PDI-FCA, 1530 nm, 5 mW, DFB, SM fiber, 9 µm, FC/APC, PD, isolator		407,80	446,52
SPL1530-5-PM-PDI, 1530 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1530-10-9-PDI, 1530 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		498,50	545,83
SPL1530-10-PM-PDI, 1530 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.078,90	1.181,33
SPL1550FP-1-C9-PD, 1550 nm, 1 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package	3 pcs.	79,30	86,83
SPL1550FP-2-C9-PD, 1550 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package		107,14	117,31
SPL1550FP-2-C9-PDI, 1550 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package, optical isolator	3 pcs.	119,00	130,30
SPL1550-2-C9-PDI, 1550 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		207,00	226,65
SPL1550-2-PM-PDI, 1550 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		699,00	765,36
SPL1550-2-C9-PD, 1550 ±10 nm, 2 mW, DFB, 1.25 GB/s, SM fiber, 9 µm, N.A 0.12, coaxial package		184,00	201,47
SPL1550-3-C9-PD, 1550 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, coaxial package		189,90	207,93
SPL1550-3-C9-PD-FCA, 1550 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/APC, PD, coaxial package		189,90	207,93
SPL1550-5-9-PD, 1550 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD		226,60	248,11
SPL1550-5-9-PDI, 1550 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		253,00	277,02
SPL1550-5-PM-PDI, 1550 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1550-8-9-PD, 1550 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD		305,90	334,94
SPL1550-10-9-PD, 1550 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD		362,50	396,92
SPL1550-10-9-PDI, 1550 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		414,00	453,31
SPL1550-10-PM-PDI, 1550 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		1.019,60	1.116,40
SPL1570-2-C9-PDI, 1570 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package		339,90	372,17
SPL1570-2-PM-PDI, 1570 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		793,00	868,29
SPL1570-5-9-PDI, 1570 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator		407,80	446,52
SPL1570-5-9-PDI-FCA, 1570 nm, 5 mW, DFB, SM fiber, 9 µm, FC/APC, PD, isolator		407,80	446,52
SPL1570-5-PM-PDI, 1570 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator		906,30	992,35
SPL1570-10-9-PDI, 1570 ±10 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC con., photodiode, isolator		524,00	573,75

SPL1570-10-PM-PDI, 1570 ±10 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC con., photodiode, isolator	857,00	938,37
SPL1590-2-C9-PDI, 1590 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package	339,90	372,17
SPL1590-2-PM-PDI, 1590 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	793,00	868,29
SPL1590-5-9-PDI, 1590 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	407,80	446,52
SPL1590-5-PM-PDI, 1590 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	906,30	992,35
SPL1590-8-9-PDI, 1590 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	498,50	545,83
SPL1610-2-C9-PDI, 1610 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package	339,90	372,17
SPL1610-2-PM-PDI, 1610 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	793,00	868,29
SPL1610-5-9-PDI, 1610 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	407,80	446,52
SPL1610-5-PM-PDI, 1610 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	906,30	992,35
SPL1610-8-9-PDI, 1610 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	498,50	545,83
SPL1625-2-9-PDI, 1625 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	453,20	496,23
SPL1625-2-C9-PDI, 1625 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package	453,20	496,23
SPL1625-2-PM-PDI, 1625 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	1.019,60	1.116,40
SPL1625-5-9-PDI, 1625 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	566,40	620,18
SPL1625-5-PM-PDI, 1625 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	1.078,90	1.181,33
SPL1625-8-9-PDI, 1625 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	679,70	744,23
SPL1650-2-9-PDI, 1650 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	453,20	496,23
SPL1650-2-C9-PDI, 1650 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package	453,20	496,23
SPL1650-2-PM-PDI, 1650 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	1.019,60	1.116,40
SPL1650-5-9-PDI, 1650 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	566,40	620,18
SPL1650-5-PM-PDI, 1650 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator	1.078,90	1.181,33
SPL1650-8-9-PDI, 1650 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator	679,70	744,23

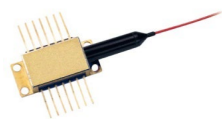
LASER DIODES - FIBER RECEPTACLE



Fiber Receptacle Laser Diodes
- single and multi mode
- different connectors available
375 - 980 nm

LD Fiber receptacle package	Status	MOQ	EUR / pc	USD / pc
SPR375-100-105M-SC, 375 ±10 nm, 100 mW, SC connector, fiber receptacle, suitable for 105 µm MM fiber			1.186,80	1.299,48
SPR375-100-105M-T-9P-SMA, 375 ±10 nm, 100 mW, SMA connector, fiber receptacle, suitable for 105 µm MM fiber, TEC			1.726,30	1.890,20
SPR830-150-105M-PD, 830 nm, 150 mW, FC connector, receptacle, suitable for 105 µm MM fiber, PD		5 pcs.	252,50	276,47
SPR830-180-62M-PD-FC, 830 ±15 nm, >160 mW, FC connector, fiber receptacle, suitable for 62.5 µm MM fiber, PD		10 pcs.	220,90	241,87
SPR940-180-62M-PD-FC, 940 ±15 nm, 180 mW, FC connector, fiber receptacle, suitable for 62.5 µm MM fiber, PD		10 pcs.	284,00	310,96
SPR980-100-105M-PD, 976 nm, 100 mW, FC connector, receptacle, suitable for 105 µm MM fiber, PD		5 pcs.	203,90	223,26

LASER DIODES - PIGTAILED HHL



High Power Pigtailed Laser Diodes
- TEC
- single and multi mode
- different connectors and housings available
395 - 1650 nm

LD PIGTAILED HHL UV 395 - 400 nm	Status	MOQ	EUR / pc	USD / pc
SPM395-200-105M-PDT-14P, 395 ±10 nm, 200 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN			1.019,60	1.116,40
SPM400-400-105M-PDT-14P, 400 ±5 nm, 400 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN			1.186,80	1.299,48
SPM405-300-105M-PDT-14P, 405 ±10 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN			906,30	992,35
SPM405-450-105M-PDT-14P, 405 ±10 nm, 450 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN			1.019,60	1.116,40
SPM405-50-3-PDT-14P, 405 ±10 nm, 50 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD, TEC, 14-PIN		2 pcs.	1.281,80	1.403,50
LD PIGTAILED HHL VISIBLE 445 - 690 nm	Status	MOQ	EUR / pc	USD / pc
SPM445-3W5-105M-PDT-9P, 445 ±10 nm, >3 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN			906,30	992,35
SPM450-800-105M-PDT-14P, 450 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			679,70	744,23
SPM450-1W-105M-PD-4P, 450 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, 4-Pin			566,40	620,18
SPM450-1W-105M-PDT-14P, 450 ±10 nm, >800 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN			793,00	868,29
SPM450-3W5-50M-PDT-9P, 450 nm, 3.5 W, MM fiber, 50 µm, FC/PC, PD, TEC, 9-Pin			1.019,60	1.116,40
SPM450-3W5-105M-P2, 450 nm, 3.5 W, MM fiber, 105 µm, FC/PC			679,70	744,23
SPM450-3W5-105M-PDT-9P, 450 nm, 3.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			906,30	992,35
SPM450-3W5-200M-PDT-9P, 450 nm, 3.5 W, MM fiber, 200 µm, FC/PC, PD, TEC, 9-Pin			667,00	730,33
SPM450-10W-200M-H, 450 nm, 10 W, MM fiber, 200 µm, FC/PC, HHL			1.402,60	1.535,77
SPM450-20W-200M-H, 450 nm, 20 W, MM fiber, 200 µm, FC/PC, HHL			1.674,00	1.832,93
SPM455-4W-200M-PDT-9P, 455 ±10 nm, 4 W, MM fiber, 200 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN			793,00	868,29
SPM465-2W-105M-PDT-9P, 465 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			1.019,60	1.116,40
SPM465-7W-200M-H, 465 nm, 7 W, MM fiber, 200 µm, FC/PC, HHL			2.255,00	2.469,10
SPM465-15W-400M-H, 465 nm, 15 W, MM fiber, 400 µm, FC/PC, HHL			3.301,60	3.615,06
SPM520-80-9-PDT-8P, 520 ±10 nm, 80 mW, SM fiber, 9 µm, N.A. 0.12, FC/PC, TEC, 8-PIN			793,00	868,29
SPM520-100-105M-PDT-14P, 520 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			679,70	744,23

SPM520-200-105M-PDT-14P, 520 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin	2 pcs.	638,70	699,34	
SPM520-800-105M-PDT-9P, 520 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		793,00	868,29	
SPM520-1W2-105M-PDT-9P, 520 nm, >1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		906,30	992,35	
SPM525-800-105M-PDT-9P, 525 ±10 nm, >700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		793,00	868,29	
SPM525-1W2-105M-PDT-9P, 525 ±10 nm, >1 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		906,30	992,35	
SPM525-2W5-200M-H, 525 nm, 2.5 W, MM fiber, 200 µm, FC/PC, HHL		1.834,20	2.008,34	
SPM525-5W-200M-H, 525 nm, 5 W, MM fiber, 200 µm, FC/PC, HHL		2.665,00	2.918,02	
SPM530-1W-105M-PDT-9P, 532 ±10 nm, 1 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		928,60	1.016,76	
SPM630-300-105M-PDT-9P, 630 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		1.186,80	1.299,48	
SPM633-700-105M-PDT-9P, 633 ±5 nm, 700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		1.186,80	1.299,48	
RLCD-M63H-350, 635 ±10 nm, 350 mW, MM fiber, 100 µm, FC or SMA Connector		2.108,00	2.308,14	
SPM635-400-400M-PDT-14P, 638 nm, 400 mW, MM fiber, 400 µm, FC/PC, PD, TEC, 14-Pin		679,70	744,23	
RLCD-M63H-1W, 635 ±10 nm, 1 W, MM fiber bundle, 400 µm, FC or SMA Connector		5.275,00	5.775,82	
SPM635-1W-105M-PDT-9P, 638 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		906,30	992,35	
SPM635-1W8-200M-PDT-9P, 638 nm, 1.8 W, MM fiber, 200 µm, FC/PC, PD, TEC, 9-Pin		1.019,60	1.116,40	
RLCD-M63H-2W, 635 ±10 nm, 2 W, MM fiber bundle, 400 µm, FC or SMA Connector		7.610,00	8.332,51	
RLCD-M65H-200, 650 ±5 nm, 200 mW, MM fiber, 100 µm, FC or SMA Connector		620,00	678,86	
SPM653-700-105M-PDT-9P, 653 ±5 nm, 700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		1.402,60	1.535,77	
SPM650-800-105M-4P, 658 nm, 800 mW, MM fiber, 105 µm, FC/PC, 4-Pin		725,10	793,94	
SPM650-800-105M-PDT-9P, 658 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		1.019,60	1.116,40	
SPM650-1W-105M-PDT-9P, 658 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		1.078,90	1.181,33	
SPM660-10-4-PDT-8P, 660 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD, TEC, 8-Pin		543,80	595,43	
SPM660-20-4-T-8P, 660 nm, 20 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin		385,20	421,77	
RLCD-S66H-40, 660 ±5 nm, 40 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector		978,00	1.070,85	
RLCD-S66H-60, 660 ±5 nm, 60 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector				
SPM660-60-4-T-8P, 660 nm, 60 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin		793,00	868,29	
RLCD-S66H-80, 660 ±5 nm, 80 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector				
SPM660-80-4-T-8P, 660 nm, 80 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin		1.019,60	1.116,40	
SPM660-800-105M-PDT-14P, 660 ±10 nm, 800 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN		793,00	868,29	
SPM660-1W-105M-PDT-14P, 660 ±10 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin		793,00	868,29	
G066PU214W, 660 ±5 nm, 1.4 W, MM, 430 µm fiber, TEC, SMA connector		3.153,19	3.452,56	
SPM660-3W-300M-T-10P, 660 ±10 nm, 3 W, MM fiber, 3x105 µm, FC/PC, TEC, 10-Pin		2.084,00	2.281,86	
G066PU335W, 660 ±5 nm, 3.5 W, MM, 600 µm fiber, TEC, SMA connector		5.382,71	5.893,76	
SPM660-5W-400M-T-10P, 660 ±10 nm, 5 W, MM fiber, 5x105 µm, FC/PC, TEC, 10-Pin		2.895,00	3.169,86	
SPM670-50-4-T8P, 670 nm, 50 mW, SM fiber, 4 µm, FC/PC, TEC, thermistor, 8-Pin		799,00	874,86	
SPM670-50-PM-T8P, 670 nm, 50 mW, PM fiber, 4 µm, FC/PC, TEC, thermistor, 8-pin		899,00	984,35	
G067PU160M, 670 ±10 nm, 160 mW, MM, 100 µm fiber, FC connector		810,00	886,90	
G067PU200M, 670 ±10 nm, 200 mW, MM, 100 µm fiber, FC connector		1.200,00	1.313,93	
SPM680-800-105M-4P, 680 nm, >750 mW, MM fiber, 105 µm, FC/PC, 4-Pin		1.087,60	1.190,86	
SPM680-800-105M-PDT-9P, 680 nm, >750 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin		1.294,70	1.417,62	
SPM690-800-105M-PDT-9P, 690 ±10 nm, >750 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN		1.402,60	1.535,77	
LD PIGTAILED HHL INFRARED 780 - 940 nm	Status	MOQ	EUR / pc	USD / pc
RLT780M-1WFC, 785 ±5 nm, 1 W, MM, 100 µm, fiber, TEC, FC/PC, 14-Pin butterfly			831,00	909,90
RLT780M-1.5WFC, 785 ±5 nm, 1 W, MM, 100 µm, fiber, TEC, FC/PC, 14-Pin butterfly			982,80	1.076,11
SPM785-2W-105M-PDT-14P, 785 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			793,00	868,29
SPM785-3W-105M-2P, 785 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin			566,40	620,18
SPM785-3W-105M-PDT-9P, 785 nm, 3 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			793,00	868,29
RLT808M-1.5WFC, 808 ±5 nm, 1.5 W, MM, 100 µm, fiber, FC/PC, TEC			770,00	843,11
SPM808-2W-105M-PDT-14P, 808 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			634,40	694,63
SPM808-2W5-105M-2P, 808 nm, 2.5 W, MM fiber, 105 µm, FC/PC, 2-Pin			271,90	297,71
RLT808M-3WFC, 808 ±5 nm, 3 W, MM, 100 µm, fiber, FC/PC, TEC			1.015,00	1.111,37
SPM808-4W-105M-2P, 808 nm, 4 W, MM fiber, 105 µm, FC/PC, 2-Pin			339,90	372,17
SPM808-4W-105M-PDT-9P, 808 nm, 4 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			793,00	868,29
SPM808-5W-105M-2P, 808 nm, 5 W, MM fiber, 105 µm, FC/PC, 2-Pin			362,50	396,92
SPM808-8W-105M-2P, 808 nm, 8 W, MM fiber, 105 µm, FC/PC, 2-Pin			498,50	545,83
SPM808-8W-105M-PDT-9P, 808 nm, 8 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			906,30	992,35
RLT808M-8WFC, 808 ±5 nm, 8 W, MM, 100 µm, fiber, SMA, TEC			1.312,50	1.437,11
RLT808M-10WFC, 808 ±5 nm, 10 W, MM, 400 µm, fiber, SMA, TEC			1.400,00	1.532,92
G081PU1600M, 808 ±5 nm, 0.6 W, MM, 100 µm fiber, NA 0.22, connector			428,00	468,64
G081PU1750M, 808 ±5 nm, 0.75 W, MM, 100 µm fiber, NA 0.22, connector			435,00	476,30
G081PU11500M, 808 ±5 nm, 1.5 W, MM, 100 µm fiber, NA 0.22, connector			524,00	573,75
RLCO-808-2000-F, 808 ±3 nm, 2 W, MM, 100 µm fiber, NA 0.22, SMA connector	EOL		499,00	546,38
G081PU25W, 808 ±5 nm, 5 W, MM, 400 µm fiber, NA 0.22, connector			1.069,00	1.170,49
G081PU210W, 808 ±5 nm, 10 W, MM, 400 µm fiber, NA 0.22, connector			1.710,00	1.872,35
SPM830-1W-50M-2P, 830 nm, 1 W, MM fiber, 50 µm, FC/PC, 2-Pin			336,00	367,90
SPM830-2W-105M-PDT-14P, 830 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			793,00	868,29
SPM830-3W-105M-2P, 830 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin			453,20	496,23
SPM860-2W-105M-PD-4P, 860 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, 4-Pin			634,40	694,63
SPM860-2W-200M-PDT-14P, 860 nm, 2 W, MM fiber, 200 µm, FC/PC, PD, TEC, 14-Pin			906,30	992,35
SPM880-2W-105M-PDT-14P, 880 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin			793,00	868,29
SPM880-3W-105M-2P, 880 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin			453,20	496,23
RLT915M-1.5WFC, 915 ±5 nm, 1.5 W, MM fiber, 100 µm, FC/APC, TEC, PD, butterfly package	5 pcs.		798,00	873,76

SPM915-2W-105M-PDT-14P, 915 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin	2 pcs.	698,60	764,93	
SPM915-10W-105M-2P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	252,50	276,47	
SPM915-10W-105M-PDT-9P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin	2 pcs.	698,60	764,93	
SPM915-10W-105M-PDTA-15P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin	2 pcs.	873,90	956,87	
SPM915-20W-105M-H2P, 915 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	378,70	414,65	
SPM915-30W-105M-H2P, 915 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	512,50	561,16	
SPM940-2W-105M-PDT-14P, 940 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin	2 pcs.	698,60	764,93	
SPM940-10W-105M-2P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	315,60	345,56	
SPM940-10W-105M-PDT-9P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin	2 pcs.	698,60	764,93	
SPM940-10W-105M-PDTA-15P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin	2 pcs.	873,90	956,87	
SPM940-20W-105M-H2P, 940 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	512,50	561,16	
SPM940-30W-105M-H2P, 940 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.	698,60	764,93	
LD PIGTAILED HHL INFRARED 975 - 1650 nm	Status	MOQ	EUR / pc	USD / pc
RLT975M-3WFC, 975 ±5 nm, 3 W, MM, 100 µm fiber, FC/PC, TEC			1.121,00	1.227,43
RLT975M-10WFC, 975 ±5 nm, 10 W, MM, 200 µm fiber, SMA, TEC			1.354,00	1.482,55
RLCO-980-0500-F, 980 ±10 nm, 0.5 W, MM, 100 µm fiber, NA 0.22, SMA connector	EOL		193,00	211,32
G098PU1600M, 980 ±5 nm, 0.6 W, MM, 100 µm fiber, NA 0.22, connector			396,00	433,60
G098PU1750M, 980 ±5 nm, 0.75 W, MM, 100 µm fiber, NA 0.22, connector			407,00	445,64
G098PU11300M, 980 ±5 nm, 1.3 W, MM, 100 µm fiber, NA 0.22, connector			484,00	529,95
SPM980-2W-105M-PDT-14P, 976 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin	2 pcs.		598,80	655,65
G098PU25W, 980 ±5 nm, 5 W, MM, 400 µm fiber, NA 0.22, connector			990,00	1.083,99
G098PU210W, 980 ±5 nm, 10 W, MM, 400 µm fiber, NA 0.22, connector			1.590,00	1.740,96
SPM980-10W-105M-2P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.		252,50	276,47
SPM980-10W-105M-PDT-9P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin	2 pcs.		698,60	764,93
SPM980-10W-105M-PDTA-15P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin	2 pcs.		873,90	956,87
SPM980-10W-105M-PDT-9P-SMA, 976 nm, 10 W, MM fiber, 105 µm, SMA905, PD, TEC, 9-Pin			793,00	868,29
SPM980-10W-200M-PDT-9P-SMA, 976 nm, 10 W, MM fiber, 200 µm, SMA905, PD, TEC, 9-Pin	2 pcs.		698,60	764,93
SPM980-20W-105M-H2P, 976 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.		451,00	493,82
SPM980-30W-105M-H2P, 976 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.		638,70	699,34
SPM980-30W-105M-T-H, 976 ±15 nm, 30 W, MM fiber, 105 µm, FC/PC, TEC	2 pcs.		1.038,50	1.137,10
SPM1064-1W-105M-PDT-14P, 1064 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin	2 pcs.		758,50	830,51
SPM1064-8W-105M-2P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.		378,70	414,65
SPM1064-8W-105M-PDT-9P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin	2 pcs.		776,80	850,55
SPM1064-8W-105M-PDTA-15P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin	2 pcs.		944,10	1.033,74
SPM1064-25W-105M-H2P, 1064 nm, >24 W, MM fiber, 105 µm, FC/PC, 2-Pin	2 pcs.		873,90	956,87
G131PU001S, 1310 ±30 nm, SM fiber, 1 mW, tr/ts 0.5 ns, TEC			345,00	377,76
SPM1310-1W-105M-PDT-14P, 1310 ±30 nm, 1 W, MM fiber, 105 µm, N.A. 0.22, PD, TEC, FC/PC			1.145,00	1.253,71
SPM1310-1W2-105M-2P, 1310 ±30 nm, 1.2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC			762,00	834,35
SPM1350-10-9-PDPTI-8P, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, TEC, isolator, 8-Pin			725,10	793,94
SPM1350-10-9-PDPTI-14P, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, TEC, isolator, 14-Pin	2 pcs.		678,70	743,14
SPM1450-2W-105M-PDT-9P, 1450 ±40 nm, 2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN			906,30	992,35
SPM1450-7W-300M-T-H, 1450 nm, >6 W, MM fiber, <300 µm, FC/PC, TEC			2.460,00	2.693,56
SPM1450-12W-400M-T-H, 1450 nm, >11 W, MM fiber, <400 µm, FC/PC, TEC			3.107,40	3.402,42
SPM1450-15W-400M-T-H, 1450 nm, 15 W, MM fiber, <400 µm, FC/PC, TEC			4.191,70	4.589,67
SPM1470-2W-105M-PDT-9P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			906,30	992,35
SPM1470-2W-105M-PDTA-15P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin			1.078,90	1.181,33
SPM1470-2W5-105M-2P, 1470 nm, ≥2 W, MM fiber, 105 µm, FC/PC, 2-Pin			679,70	744,23
SPM1470-2W5-105M-PDT-9P, 1470 ±30 nm, >2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN			906,30	992,35
SPM1470-2W5-105M-PDTA-15P, 1470 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin			1.294,70	1.417,62
SPM1470-3W-105M-2P, 1470 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin			906,30	992,35
SPM1470-3W-105M-PDT-9P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			1.078,90	1.181,33
SPM1470-7W-300M-T-H, 1470 nm, >6 W, MM fiber, <300 µm, FC/PC, TEC			2.460,00	2.693,56
SPM1470-12W-400M-T-H, 1470 nm, >11 W, MM fiber, <400 µm, FC/PC, TEC			3.107,40	3.402,42
SPM1470-15W-400M-T-H, 1470 nm, 15 W, MM fiber, <400 µm, FC/PC, TEC			4.191,70	4.589,67
SPM1530-1W5-105M-PDT-9P, 1530 ±40 nm, 1.5 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN			906,30	992,35
SPM1530-5W-300M-T-H, 1530 nm, >4.5 W, MM fiber, <300 µm, FC/PC, TEC			2.460,00	2.693,56
SPM1530-8W-400M-T-H, 1530 nm, 8 W, MM fiber, <400 µm, FC/PC, TEC			3.107,40	3.402,42
SPM1530-10W-400M-T-H, 1530 nm, 10 W, MM fiber, <400 µm, FC/PC, TEC			4.191,70	4.589,67
SPM1550-1W5-105M-2P, 1550 nm, 1.5 W, MM fiber, 105 µm, FC/PC, 2-Pin			679,70	744,23
SPM1550-1W5-105M-PDT-9P, 1550 nm, 1.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			906,30	992,35
SPM1550-2W5-105M-2P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, 2-Pin			906,30	992,35
SPM1550-2W5-105M-PDT-9P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin			1.078,90	1.181,33
SPM1550-2W5-105M-PDTA-15P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin			1.294,70	1.417,62
SPM1550-5W-300M-T-H, 1550 nm, >4.5 W, MM fiber, <300 µm, FC/PC, TEC			2.460,00	2.693,56
SPM1550-8W-400M-T-H, 1550 nm, 8 W, MM fiber, <400 µm, FC/PC, TEC			3.107,40	3.402,42
SPM1550-10W-400M-T-H, 1550 nm, 10 W, MM fiber, <400 µm, FC/PC, TEC			4.191,70	4.589,67
SPM1650-5-9-PDPTI-14P, 1650 ±10 nm, 5 mW, DFB, SM fiber, 9 µm, N.A. 0.12, FC/PC, PD, TEC, Isolator, 14-PIN	2 pcs.		738,50	808,62

LASER DIODES - BARS, ARRAYS



high power laser diodes
- bars, linear & stacked arrays
- cw power up to 280 W
- qcw power up to 1200 W

780 - 980 nm

LD SINGLE BARS	Status	MOQ	EUR / pc	USD / pc
AB081C20W, 810±10 nm, 20 W, cw, 25 x 25 x 13 mm ³			o.r.	o.r.
AB081C40W, 810±10 nm, 40 W, cw, 25 x 25 x 13 mm ³			o.r.	o.r.
AB081Q60W, 810±10 nm, 60 W, qcw, 25 x 25 x 13 mm ³			o.r.	o.r.
AB081Q100W, 810±10 nm, 100 W, qcw, 25 x 25 x 13 mm ³			o.r.	o.r.
AB098C20W, 980±10 nm, 20 W, cw, 25 x 25 x 13 mm ³			o.r.	o.r.
AB098C40W, 980±10 nm, 40 W, cw, 25 x 25 x 13 mm ³			o.r.	o.r.
LD LINEAR ARRAYS	Status	MOQ	EUR / pc	USD / pc
AL081C60W, 780..830 nm, 60 W, cw, 57 x 12 x 15.5 mm ³			1.215,00	1.330,36
AL081C100W, 780..830 nm, 100 W, cw, 57 x 12 x 15.5 mm ³			2.025,00	2.217,26
AL081C120W, 780..830 nm, 120 W, cw, 57 x 12 x 15.5 mm ³			2.430,00	2.660,71
AL081C140W, 780..830 nm, 140 W, cw, 57 x 12 x 15.5 mm ³			2.835,00	3.104,16
AL081C200W, 780..830 nm, 200 W, cw, 57 x 12 x 15.5 mm ³			4.050,00	4.434,52
AL081C280W, 780..830 nm, 280 W, cw, 57 x 12 x 15.5 mm ³			5.670,00	6.208,32
LD STACKED ARRAYS	Status	MOQ	EUR / pc	USD / pc
AS081C60W, 780..830 nm, 60 W, cw, 40 x 23.6 x 11 mm ³			2.062,50	2.258,32
AS081C100W, 780..830 nm, 100 W, cw, 40 x 23.6 x 11 mm ³			3.066,25	3.357,37
AS081C120W, 780..830 nm, 120 W, cw, 40 x 23.6 x 11 mm ³			2.866,88	3.139,07
AS081C140W, 780..830 nm, 140 W, cw, 40 x 23.6 x 11 mm ³			4.122,25	4.513,63
AS081C200W, 780..830 nm, 200 W, cw, 40 x 23.6 x 11 mm ³			o.r.	o.r.
AS081C280W, 780..830 nm, 280 W, cw, 40 x 23.6 x 11 mm ³			5.500,00	6.022,18
AS081C320W, 780..830 nm, 320 W, cw, 40 x 23.6 x 11 mm ³			6.710,00	7.347,06
AS081C480W, 780..830 nm, 480 W, cw, 40 x 23.6 x 11 mm ³			9.748,75	10.674,32
AS098C60W, 920..980 nm, 60 W, cw, 30 x 14 x 10 mm ³			2.062,50	2.258,32
AS098C100W, 920..980 nm, 100 W, cw, 30 x 14 x 10 mm ³			3.066,25	3.357,37
AS081Q300W, 780..830 nm, 300 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS081Q600W, 780..830 nm, 600 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS081Q1200W, 780..830 nm, 1200 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS081Q3000W, 780..830 nm, 3000 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS081Q5000W, 780..830 nm, 5000 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS081Q15000W, 780..830 nm, 15000 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS098Q300W, 920..980 nm, 300 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS098Q600W, 920..980 nm, 600 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.
AS098Q1200W, 920..980 nm, 1200 W, qcw, 30 x 14 x 10 mm ³			o.r.	o.r.

VCSELS



VCSEL (Vertical Cavity Surface Emitting Laser diode)
infrared
power up to 20 mW cw

850 and 980 nm

VCSELS INFRARED	Status	MOQ	EUR / pc	USD / pc
VC850S-SMD, 850 nm, 0.5 mW, 3.5 mA, SM, 8°, SMD 0603			9,05	9,91
VC850M-SMD, 850 nm, 0.5 mW, 4 mA, MM, 6°, SMD 0603			8,35	9,14
VC850M-TO46GL, 850 nm, 2 mW, 6 mA, MM, 5°, TO-46, glass lens			12,58	13,77
VC850M-H-TO46GL, 850 nm, 10 mW, 20 mA, MM, 2°, TO-46, glass lens	EOL		16,20	17,74
VC850M-Z-TO46GL, 850 nm, 10 mW, 20 mA, MM, 8°, TO-46, glass lens, Zener Diode	NEW		16,20	17,74
VC850M-H-TO46FW-PD, 850 nm, 8 mW, 20 mA, MM, TO-46, flat window, PD			15,92	17,43
VC850M-Z-TO18FW, 850 nm, 10 mW, 20 mA, MM, TO-18, flat window, Zener diode			15,92	17,43
VC980M-TO46FW, 980 nm, 1.5 mW, 6 mA, MM, 20°, TO-46, flat window			11,20	12,26
VCSEL Modules INFRARED	Status	MOQ	EUR / pc	USD / pc
VC850MZ-MODULE, 850 nm, max. 10 mW, 20 mA, MM, Ø10x18 mm	NEW		68,00	74,46
VC850M2-MODULE, 850 nm, max. 15 mW, 50 mA, MM, Ø10x18 mm	EOL		68,00	74,46
VC980M-MODULE, 980 nm, max. 0.75 mW, 6 mA, MM, Ø10x18 mm			51,80	56,72

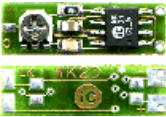
LASER DIODE ACCESSORIES



LD Mounting Tubes	Status	MOQ	EUR / pc	USD / pc
 <p>laser diode optic mounting tubes used for mounting laser diodes with 5.6 mm or 9 mm packages and diverse collimating optics with standard thread M9 x 0.5 mm aluminium, black anodized</p>				
LDMT-56-10, 5.6 mm LD mounting tube, Ø10x18 mm, thread M9 x 0.5			14,29	15,65
LDMT-56-10-LT, 5.6 mm LD mounting tube, Ø10x18 mm, long thread M9 x 0.5			14,29	15,65
LDMT-90-10, 9.0 mm LD mounting tube, Ø10x18 mm, thread M9 x 0.5			14,29	15,65
LDMT-90-10-LT, 9.0 mm LD mounting tube, Ø10x18 mm, long thread M9 x 0.5			14,29	15,65
LDMT-90-11, 9.0 mm LD mounting tube, Ø11x18 mm, thread M9 x 0.5			14,29	15,65
LD Mounting Tubes Complete Assembly	Status	MOQ	EUR / pc	USD / pc
 <p>Complete Laser Diode Assembly</p> <ul style="list-style-type: none"> - precise CNC tooling - for 3.8, 5.6 & 9.0mm TO-Can laser diodes - compact size - focusable acrylic lens, uncoated - threaded latching, no glue required 				
LDA-38, 3.8 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø6.5x11 mm, brass			18,10	19,82
LDA-56, 5.6 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø11x13 mm, brass			19,20	21,02
LDA-90, 9.0 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø11x14 mm, brass			19,20	21,02
LD Sockets	Status	MOQ	EUR / pc	USD / pc
 <p>laser diode socket teflon body, gold plated contacts, 3 pins or 4 pins, superior quality, for 5.6 and 9.0 mm laser diodes</p>				
LDS-T-3, laser diode socket 3-Pin version, teflon, gold plated, superior quality			6,49	7,11
LDS-T-4, laser diode socket 4-Pin version, teflon, gold plated, superior quality			6,39	7,00
Thermoelectric Coolers	Status	MOQ	EUR / pc	USD / pc
 <p>TEC elements for cooling and heating, diverse sizes and electrical properties 1-, 2-, 3- and 4 stage modules available</p> <p>Tmax: 125 °C OEM designs available on request</p>				
TEC1-00705T125, 1 stage, 7 couples, 0.85 V, 5 A, 2.8 W, dTmax: 67°C, 10x10x3.9 mm			8,40	9,20
TES1-1702LT125, 1 stage, 17 couples, 2.0 V, 2 A, 2.4 W, dTmax: 64°C, 6.2x6.2x2.3 mm			15,90	17,41
TES1-03103T125, 1 stage, 31 couples, 3.8 V, 3 A, 6.6 W, dTmax: 66°C, 15x15x3.5 mm			8,70	9,53
TES1-3202T125, 1 stage, 32 couples, 3.87 V, 2 A, 4.31 W, dTmax: 67°C, 8.3x8.3x2.2 mm			15,00	16,42
TES1-07103T125, 1 stage, 71 couples, 8.5 V, 3 A, 14.9 W, dTmax: 67°C, 23x23x3.9 mm			12,60	13,80
TES1-12703T125, 1 stage, 127 couples, 15.4 V, 3 A, 26.7 W, dTmax: 67°C, 30x30x3.5 mm			13,50	14,78
TEC1-12705T125, 1 stage, 127 couples, 15.4 V, 5 A, 46.4 W, dTmax: 67°C, 40x40x4.0 mm			10,95	11,99
TEC2-25407T125, 2 stages, 254 couples, 15.0 V, 7 A, dTmax: 80°C, 40x40x7.0 mm			23,70	25,95
TEC3-22903T125, 3 stages, 229 couples, 15.2 V, 3 A, dTmax: 100°C, 40x40x10.8 mm			95,68	104,76
TEC with 4.7 mm center hole				
TEC1-07103T125, 1 stage, 8.5 V, 3 A, 16 W, dTmax: 67°C, hole 4.7 mm, 30x30x4.9 mm			12,00	13,14

LASER DIODE DRIVERS



LD Driver Boards	Status	MOQ	EUR / pc	USD / pc
 <p>diverse, easy to handle driver boards for laser diodes, ready to use, but not preset to the specific parameters of the laser diode LD specific drive parameters can be adjusted in a wide range</p>				
N-type (common LD+ and PD-)				
IC-WK2D, 6.5 x 20 mm ² , PCB-board, N-type, CAC			7,90	8,65
IC-WKL2D, 6.5 x 20 mm ² , PCB-board, N-type, CAC			5,99	6,56
EU-37, 10.5 x 18 mm ² , APC, 4.5-6 VDC, slow start, max. 200 mA			14,95	16,37
EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A			24,00	26,28
EU-41, 10.5 x 18 mm ² , APC, 3 VDC, max. 100 mA for BLUE and GREEN LD			12,90	14,12
EU-42, 10.5 x 11.3 mm ² , APC, modulable up to 300kHz			13,60	14,89


M-type (common LD- and PD-)				
IC-WK1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm, MPD spike detection			5,99	6,56
IC-WKL1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm			5,99	6,56
EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A			24,00	26,28
P-type (common LD- and PD+)				
IC-WK1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm, MPD spike detection			5,99	6,56
IC-WKL1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm			5,99	6,56
EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A			24,00	26,28
without PD				
EU-38-TTL, 35 x 14 mm ² , ACC, TTL modulable, LD current max. 1 A			22,00	24,09
EU-38-1, 35 x 14 mm ² , ACC, max. 1.0 A			21,80	23,87
EU-40, 9 x 23 mm ² , ACC, 3 VDC, max. 200 mA for BLUE and GREEN LD			12,90	14,12
external PD				
EU-39, 9 x 16 mm ² , APC, 3 VDC, max. ~300 mA, ext. PD required			9,54	10,45
EU-43, 11 x 23 mm ² , APC, 3 VDC, max. 200 mA for BLUE and GREEN LD, ext. PD required			12,90	14,12
Low Power LD Controllers			Status	MOQ
 <p>Low power CW + pulsed mode laser diode driver</p> <ul style="list-style-type: none"> - Analog control / potentiometer adjustment - CW, pulsed, modulated or mixed curves - Short rise and fall time - No ripple, no overshoot - Compact 				
LDP-2023, ACC, max 2A, max 23V, Vin: 6-24V, CW + pulsed, 52x37x11 mm			140,20	153,51
LDP-20-HS, Heat Sink for LDP-20, Al black anodized, 105x50x39mm, 150g			39,90	43,69
High Power LD Controllers			Status	MOQ
 <p>High power, compact constant current laser diode driver with multiple layers of laser diode protection</p> <ul style="list-style-type: none"> - Analog Control / RS-232 / UART - Output Current Range 0-15 A - Output Voltage Range 1-10 V - Efficiency < 97% - Compact - no PD support 				
LD6015, ACC, 0-15 A, 1-10V, Vin: 10-14V, setpoint resolution 0.01 A, 37x58x30 mm			468,70	513,20
LD Driver Ics			Status	MOQ
 <p>diverse drivers for laser diodes as integrated circuits</p>				
IC-VJ SO16N, driver IC for cw laser diodes		EOL	3,49	3,82
IC-VJZ SO16N, driver IC for cw laser diodes		EOL	2,95	3,23
IC-WJ SO8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 50 - 500 µA			3,71	4,06
IC-WJ MSOP8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 50 - 500 µA			3,92	4,29
IC-WJZ SO8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 0.15 - 1.5 mA			3,71	4,06
IC-WJZ MSOP8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 0.15 - 1.5 mA			3,92	4,29
IC-WJB SO8, LD driver IC, cw up to 300 kHz, up to 100 mA, 2.7 VDC, reverse polarity protection			3,92	4,29
IC-WJB MSOP8, LD driver IC, cw up to 300 kHz, up to 100 mA, 2.7 VDC, reverse polarity protection			4,12	4,51
IC-WK SO8, LD driver IC, N/M/P-type, up to 90 mA, 2.4 -6 VDC, MPD spike detection			2,93	3,21
IC-WK MSOP8, LD driver IC, N/M/P-type, up to 90 mA, 2.4 -6 VDC, MPD spike detection			3,05	3,34
IC-WKL SO8, LD driver IC, any laser diode polarity, up to 90 mA, 2.4 -6 VDC			2,93	3,21
IC-WKL MSOP8, LD driver IC, any laser diode polarity, up to 90 mA, 2.4 -6 VDC			3,05	3,34
IC-HB QFN24, Triple Laser Switch, CW up to 155 MHz, with LVDS inputs		EOL	6,60	7,23
IC-HG QFN28-5X5, Laser Switch, CW to 200 MHz, 6 ch., up to 3 A CW / 9 A pulse, for blue LDs (12V)			11,40	12,48
IC-HG30 QFN28-5X5, Laser Switch, CW to 250 MHz, 6 ch., up to 6 A CW / 30 A pulse, for stacked LDs (30V)			11,40	12,48
IC-HGP QFN32-5X5, High-Side Laser Switch, CW to 200 MHz, 6 ch., up to 3 A CW / 9 A pulse, for blue/green LDs (12V)			11,40	12,48
IC-HK SO8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA			3,15	3,45
IC-HK MSOP8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA			3,28	3,59
IC-HKB SO8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA, for blue LDs (12V)			3,38	3,70
IC-HKB MSOP8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA, for blue LDs (15V)			3,48	3,81
IC-HN DFN8-3X3, Short Pulse 1.4 A Laser Driver			7,92	8,67
IC-HN3 DFN8-3X3, Short Pulse 2.8 A Laser Driver			11,40	12,48
IC-HS02 QFN16-3X3, Ultra Short Pulse Laser Driver, 200 mA peak			11,40	12,48
IC-HS05 QFN24-4X4, Ultra Short Pulse Laser Driver			11,40	12,48
IC-HSB QFN24-4X4, Ultra-Short Pulse Laser Driver			11,40	12,48
IC-HT QFN28-5X5, Dual CW LD Driver with SPI/I2C Controller Interface, up to 1.5 A (combined)			11,40	12,48
IC-HTG QFN24-4X4, power laser diode driver			11,40	12,48
IC-HTP QFN28-5X5, Dual CW P-type LD driver, up to 1.5 A (combined)			11,40	12,48
IC-WKM SO8-TP, cw M-type laser diode driver IC, up to 350 mA, Vf 3.6-15 VDC			6,60	7,23
IC-WKM DFN10, cw M-type laser diode driver IC, up to 350 mA, Vf 3.6-15 VDC			4,30	4,71


IC-WKN SO8-TP, cw N-type laser diode driver IC, up to 300 mA, Vf 2.4-15 VDC			4,21	4,61		
IC-WKN DFN10, cw N-type laser diode driver IC, up to 300 mA, Vf 2.4-15 VDC			4,30	4,71		
IC-WKP SO8-TP, cw P-type laser diode IC, up to 350 mA, Vf 3.0-15 VDC			4,21	4,61		
IC-WKP DFN10, cw P-type laser diode IC, up to 350 mA, Vf 3.0-15 VDC			6,60	7,23		
IC-NZ QFN28, LD driver IC, fail-safe, N/M/P-type, cw/pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply			11,40	12,48		
IC-NZN QFN24-4X4, LD driver IC, N-type, cw and pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply			5,20	5,69		
IC-NZP QFN24-4X4, LD driver IC, P-type, cw and pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply			5,20	5,69		
IC-HL DFN10, programable laser bias resistor	EOL		5,58	6,11		
Evaluation Kits for LD Driver ICs			Status	MOQ	EUR / pc	USD / pc
	evaluation boards, to set up your iC drivers easily					
IC-HB EVAL HB1D, Evaluation Board iC-HB (incl. 2 IC samples)	EOL		82,08	89,87		
IC-HG EVAL HG1D, Evaluation Board iC-HG (incl. 2 IC samples)			82,08	89,87		
IC-HG EVAL HG2D, Host Adapter for HGxM type modules			82,08	89,87		
IC-HG EVAL HG2D HSK, Host Adapter for HGxM type modules with heat-sink assembly kit			185,59	203,21		
IC-HG ICSY HG20M, High-Speed Laser Module (for VCSEL)			131,48	143,96		
IC-HG ICSY HG21M, High-Speed Laser Module (for VCSELS, alternative pad layout)			131,48	143,96		
IC-HG ICSY HG2M, High-Speed Laser Module (for C-mount packages)			82,08	89,87		
IC-HG ICSY HG8M, High-Speed Laser Module (for TO-type or other leaded packages)			82,08	89,87		
IC-HG30 EVAL HG1D, Evaluation Board iC-HG30			92,04	100,78		
IC-HG30 ICSY HG20M, High-Speed Laser Module (for VCSEL)			157,78	172,76		
IC-HG30 ICSY HG21M, High-Speed Laser Module (for VCSELS, alternative pad layout)			157,78	172,76		
IC-HG30 ICSY HG8M, High-Speed Laser Module (for TO-type or other leaded packages)			92,04	100,78		
IC-HGP EVAL HGP1D, Evaluation Board iC-HGP			82,08	89,87		
IC-HGP EVAL HGP2D, Laser Diode and LED Drivers			105,18	115,17		
IC-HN ICSY HN1M, High Speed Laser Module			82,08	89,87		
IC-HN3 ICSY HN1M, High Speed Laser Module			82,08	89,87		
IC-HS02 ICSY HS3M, High Speed Laser Module			o.r.	o.r.		
IC-HS05 ICSY HS3M, High Speed Laser Module			131,48	143,96		
IC-HSB ICSY HS3M, High-Speed Laser Module			131,48	143,96		
IC-HT EVAL HT1D, Evaluation Board for iC-HT			111,76	122,37		
IC-HTG EVAL HTG1D, Evaluation Board iC-HTG			111,76	122,37		
IC-HTP EVAL HTP1D, Evaluation Board iC-HTP			111,76	122,37		
IC-NZ EVAL NZ1D, Evaluation Board iC-NZ (incl. 2 samples)			68,40	74,89		
IC-NZN EVAL NZN1D, Evaluation Board iC-NZN (incl. 2 IC samples)			82,08	89,87		
IC-NZP EVAL NZP1D, Evaluation Board iC-NZP (incl. 2 IC samples)			82,08	89,87		
IC-VJ EVAL VJD, Evaluation Board iC-VJ (incl. 2 samples)	EOL		58,90	64,49		
IC-VJZ EVAL VJZ, Evaluation Board iC-VJZ (incl. 2 samples)	EOL		58,90	64,49		
IC-WJ EVAL WJ1D, Evaluation Board iC-WJ (incl. 2 samples)			82,08	89,87		
IC-WJB EVAL WJ1D, Evaluation Board iC-WJB (incl. 2 samples)			82,08	89,87		
IC-WJZ EVAL WJ1D, Evaluation Board iC-WJZ (incl. 2 samples)			82,08	89,87		
IC-WK EVAL WK4D, Evaluation Board iC-WK (incl. 2 samples)			82,08	89,87		
IC-WKL EVAL WK4D, Evaluation Board iC-WKL (incl. 2 samples)			82,08	89,87		
IC-WKN EVAL WK4D, Evaluation Board iC-WKN (incl. 2 samples)			82,08	89,87		
IC-WKM EVAL WKM1D, Evaluation Board iC-WKM (incl. 2 Samples)			82,08	89,87		
IC-WKP EVAL WK1D, Evaluation Board iC-WKP (incl. 2 IC samples)	EOL		58,90	64,49		
IC-WKP EVAL WKP1D, Evaluation Board iC-WKP (incl. 2 IC samples)			82,08	89,87		

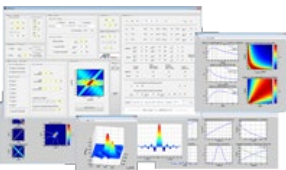
QUANTUM OPTICS DEVICES






TIME TAGGING MODULE	Status	MOQ	EUR / pc	USD / pc
 <p>8 channel Time to Digital Converter</p> <ul style="list-style-type: none"> - 8 channels continuous - resolution 82ps - 2 channels start-stop - resolution 10ps - continuous / multi stop / single stop - GB-LAN (up to 25m events/s) - variable threshold voltage - software for Linux & Windows - developed & manufactured in Austria 	EOL		7.600,00	8.321,56
TTM8000, up to 8 channels with resolution 82ps, GB-LAN, incl.software, 160x110x45 mm				

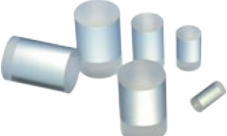

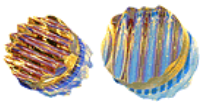

Ultrafast VCSEL/LED triggered Light Source	Status	MOQ	EUR / pc	USD / pc
 <p>MRP series lightpulsers</p> <ul style="list-style-type: none"> - VCSEL/LED lightsource - light curves as short as 100 ps - up to 25 kHz - SMA connector - USB interface <p>370 - 850 nm available</p>				
MRP-850V-100-SMA, 850nm, 100-1000 ps, <25 kHz, SMA connector, USB, 145x78x43 mm			842,00	921,94

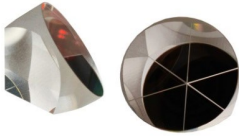
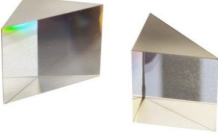
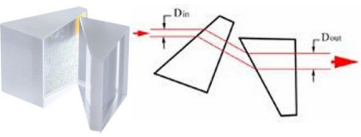
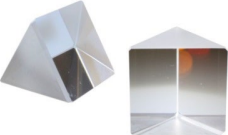
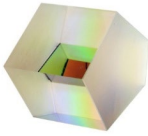
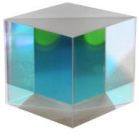
Single Photon Detection Module	Status	MOQ	EUR / pc	USD / pc
 <p>300 ps Single Photon Counting Module</p> <ul style="list-style-type: none"> - less than 20 dark counts/s - 300 ns dead time - Low jitter, low dark rates - digital output pulse (0,4V) at SMA connector - Single 5 VDC supply voltage - developed & manufactured in Austria - compatible with many different mounts 				
QD800C-FQ-500, <500 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC			4.600,00	5.036,74
QD800C-FQ-50, <50 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC			5.700,00	6.241,17
QD800C-FQ-20, <20 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC			7.500,00	8.212,07
ADAPT-C-SM1, lens holder adapter plate, with SM1 thread			89,60	98,11
ADAPT-C-SM05, lens holder adapter plate, with SM5 thread			89,60	98,11
ADAPT-C-SM05-P, lens holder adapter plate, with SM5 thread			89,60	98,11
ADAPT-C-RMS, lens holder adapter plate, with RMS thread			89,60	98,11
ADAPT-C-MOUNT, lens holder adapter plate, with C-mount thread			89,60	98,11
ADAPT-C-FC, adapter plate, with FC/PC fiber adapter			537,60	588,64
ADAPT-C-FC-FLT, adapter plate, with FC/PC fiber adapter and filter holder			627,20	686,75
HS12, heat sink, 12 mm			89,60	98,11
HS25, heat sink, 25 mm			95,20	104,24
HS25-FAN, heat sink, 25 mm, with fan			168,00	183,95
PS-QD800, power supply, 90-264 VAC			67,20	73,58

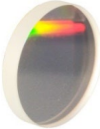
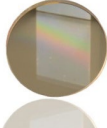
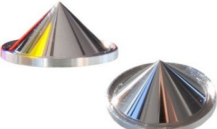


Photon-pair generation simulation software	Status	MOQ	EUR / pc	USD / pc
 <ul style="list-style-type: none"> - Simulates photon-pair generation in seven different crystals (including ppKTP and ppLN) - Gaussian and sech² pulses as well as customised laser spectrum - Gaussian and rectangular bandpass filtering - Phase-matching conditions, poling periodicity, temperature tuning - Refractive indices, group delay and temporal walk-off 				
QPMOPTICS, tool to simulate and optimize your experiments, USB License dongle, Win 64-bit			980,00	1.073,04


OPTICAL COMPONENTS ↑				
Laser Diode Collimators Molded Plastic	Status	MOQ	EUR / pc	USD / pc
 <p>laser diode collimating lenses made of PMMA available with and without anti reflective coating</p>				
GS-7021-2C, acrylic lens, 5 x 2.3 mm, f: 6.0 mm, AR coated			1,81	1,98
CAY046, acrylic lens, 7.4 x 3.05 mm, f 4.6 mm, NA 0.40, AR coated			5,86	6,42
CAY046NC, acrylic lens, 7.4 x 3.05 mm, f 4.6 mm, NA 0.40, uncoated			4,62	5,06
CAW100NC, acrylic lens, 5.20 x 2.44 mm, f 10.0 mm, NA 0.20, uncoated			4,36	4,77
LENS-05A, acrylic lens, 7 x 2.8 mm, f 8.0 mm			4,76	5,21
LC3, acrylic lens, 3 x 2.4 mm, BFL: 3.41 mm, EFL: 4.5 mm, PMMA, uncoated			1,90	2,08
ACL3033, acrylic lens, 3.0 x 2.0 mm, BFL: 3.3 mm, PMMA, uncoated			1,60	1,75
LC5, acrylic lens, 5 x 2.3 mm, BFL: 4.86 mm, EFL: 6.0 mm, PMMA, uncoated			1,22	1,34
ACL5048, acrylic lens, 5.0 x 2.3 mm, BFL: 4.8 mm, PMMA, uncoated			0,98	1,07
LC7, acrylic lens, 7 x 3.15 mm, EFL: 7.8 mm, BFL: 6.21 mm, PMMA, uncoated			1,35	1,48
ACL7065, acrylic lens, 7.0 x 3.3 mm, BFL: 6.47 mm, PMMA, uncoated			0,98	1,07
LC12, acrylic lens, 7 x 3.15 mm, BFL: 11.2 mm, EFL: 12.5 mm, PMMA, uncoated			1,99	2,18
ACL7012, acrylic lens, 7.0 x 2.6 mm, EFL: 12.5 mm, PMMA, uncoated			1,60	1,75


Laser Diode Collimators Glass		Status	MOQ	EUR / pc	USD / pc
 <p>glass laser diode collimating lenses M9x0.5 threaded housing 1&3 glass lens design ARC for blue, green, red, and IR laser diodes available focal lengths 4 - 11 mm</p>					
BLUE AR Coating					
RGL-550-9BS, 3 glass lens, M9x0.5, f: 5.5 mm, NA 0.25, ARC 405-450 nm				10,60	11,61
RGL-550-9B, 1 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 405-450 nm				10,60	11,61
GS-8020B, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 400-450 nm, O-ring sealing				9,80	10,73
RGL-830-9B, 3 glass lens, M9x0.5, f: 8.3 mm, NA 0.30, ARC 405-450 nm				10,60	11,61
LCB-3G, 3 glass lens, M9x0.5, f: 9.5 mm, NA 0.26, ARC 400-450 nm				EOL	13,40 14,67
RGL-110-9B, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.45, ARC 405-450 nm				10,60	11,61
BROADBAND AR Coating					
RGL-311-9C, 1 glass lens, M9x0.5, f: 3.1 mm, NA 0.67, ARC 400-700 nm				14,20	15,55
RGL-402-9C, 1 glass lens, M9x0.5, f: 4.0 mm, NA 0.6, ARC 400-700 nm				10,60	11,61
RGL-402-9C, 1 glass lens, M9x0.5, f: 4.0 mm, NA 0.6, ARC 400-700 nm				10,60	11,61
RGL-550-9C, 2 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 400-700 nm				10,60	11,61
RGL-650-9C, 2 glass lens, M9x0.5, f: 6.5 mm, NA 0.45, ARC 400-700 nm				10,60	11,61
RED AR Coating					
RGL-550-9RS, 3 glass lens, M9x0.5, f: 5.5 mm, NA 0.25, ARC 630-670 nm				10,60	11,61
RGL-550-9R, 2 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 630-670 nm				10,60	11,61
GS-8020A, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 630-670 nm, O-ring sealing				9,80	10,73
RLC-103AF, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 630-670 nm				9,50	10,40
RGL-830-9R, 3 glass lens, M9x0.5, f: 8.3 mm, NA 0.30, ARC 630-670 nm				10,60	11,61
LENS-15, 1 glass lens, 5 x 1.5 mm, f: 9.0 mm, NA 0.11, ARC 630-670 nm				6,80	7,45
MPG-95, 3 glass lens, M9x0.5, f: 9.5 mm, NA 0.29, ARC 630-670 nm				13,20	14,45
MPG-11, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.26, ARC 630-670 nm				13,20	14,45
RGL-110-9R, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.45, ARC 630-670 nm				10,60	11,61
INFRARED AR Coating					
RGL-311-9G, 1 glass lens, M9x0.5, f: 3.1 mm, NA 0.67, ARC 700-1100 nm				14,20	15,55
RGL-820-9IR, 3 glass lens, M9x0.5, f: 8.2 mm, NA 0.29, ARC 630-780 nm				12,80	14,02
RLY-134G, 3 glass lens, M9x0.5, f: 8.2 mm, NA 0.29, ARC 630-780 nm				12,80	14,02
Laser Diode Collimators Achromatic Doublet Lens Glass		Status	MOQ	EUR / pc	USD / pc
 <p>achromatic doublet lenses for limiting chromatic and spherical aberration best suited for laser diode collimation</p>					
DBS-05, glass doublet, 5.2 x 3 mm, f: 11 mm, NA 0.11, ARC				13,40	14,67
DBS-07, glass doublet, 6.5 x 3.6 mm, f: 15 mm, NA 0.18, ARC				14,10	15,44
DBS-14, glass doublet, 14 x 6.9 mm, f: 45 mm, NA 0.13, ARC				19,85	21,73
Fresnel Lenses 1.0 µm - 30 µm		Status	MOQ	EUR / pc	USD / pc
FRES-MIR-12-A, size 12 x 0.6 mm, f: 8 mm, white PE material				2,40	2,63
FRES-MIR-20-A, size 20 x 0.6 mm, f: 20 mm, white PE material				2,56	2,80
FRES-MIR-12-B, size 12 x 0.6 mm, f: 8 mm, dark PE material				2,40	2,63
FRES-MIR-20-B, size 20 x 0.6 mm, f: 20 mm, dark PE material				2,56	2,80
Silicon Lenses 1.2 µm - 9 µm		Status	MOQ	EUR / pc	USD / pc
MIR-SI-25-25, silicon plano convex lens, Ø25 mm, FL: 25 mm, ct: 2.5 mm				99,00	108,40
MIR-SI-35-55, silicon plano convex lens, Ø35 mm, FL: 55 mm, ct: 3.5 mm				121,00	132,49
Germanium Lenses 2 µm - 17 µm		Status	MOQ	EUR / pc	USD / pc
MIR-GE-25-25, germanium plano convex lens, Ø25 mm, FL: 25 mm, ct: 2.6 mm				187,00	204,75
MIR-GE-35-55, germanium plano convex lens, Ø35 mm, FL: 55 mm, ct: 3.5 mm				187,00	204,75
Zinc Selenide Lenses 600 nm - 16 µm		Status	MOQ	EUR / pc	USD / pc
MIR-ZN-25-50, ZnSe plano convex lens, Ø25.4 mm, FL: 50.8 mm, ct: 2.5 mm				144,00	157,67
MIR-ZN-25-157, ZnSe plano convex lens, Ø25.4 mm, FL: 157 mm, ct: 2.5 mm				144,00	157,67
MIR-ZN-25-50-M, ZnSe meniscus lens, AR/AR 10.6 µm, Ø25.4 mm, FL: 50.8 mm, ct: 2.5 mm				180,00	197,09
Calcium Fluoride Lenses 150 nm - 9 µm		Status	MOQ	EUR / pc	USD / pc
UVIR-CAF2-25-25, CaF2 bi convex lens, Ø25 mm, FL: 25 mm, ct: 11.0 mm				121,00	132,49
UVIR-CAF2-35-55, CaF2 plano convex lens, Ø35 mm, FL: 55 mm, ct: 10.0 mm				143,00	156,58


Cylinder Line Generating Lenses Glass		Status	MOQ	EUR / pc	USD / pc
	glass cylinder lenses for line generation				
CL2.0X5.0, cylinder lens, Ø2.0 mm, length 5.0 mm, BK-7 glass				3,50	3,83
CL2.5X5.5, cylinder lens, Ø 2.5 mm, length 5.5 mm, BK-7 glass				3,50	3,83
CL4.0X6.0, cylinder lens, Ø4.0 mm, length 6.0 mm, BK-7 glass				3,50	3,83
CL5.0X8.0, cylinder lens, diameter 5.0 mm, length 8.0 mm, ±25°, BK-7 glass				3,50	3,83
CL7.0X10.0, cylinder lens, Ø7.0 mm, length 10.0 mm, ±15°, BK-7 glass				3,50	3,83
CL7.0X15.0, cylinder lens, Ø7.0 mm, length 15.0 mm, ±15°, K9 glass, SD 40/20				7,40	8,10
HCL10.0X2.0, half-cylinder lens, 10.0x2.0 mm, ±1.5°, BK-7 glass				4,30	4,71
HCL10.0X7.0X3.7, half-cylinder lens, 10.0x7.0x3.7 mm, ±12°, BK-7 glass				4,30	4,71
Powell Line Generating Lenses Glass		Status	MOQ	EUR / pc	USD / pc
	patented Powell line generating lens offers very even intensity distribution over the complete length of the projected line				
PL532-1-10, 10° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				71,10	77,85
PL650-3-10, 10° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL650-5-10, 10° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL532-1-15, 15° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				71,10	77,85
PL650-3-15, 15° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL650-5-15, 15° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL532-1-30, 30° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				71,10	77,85
PL650-3-30, 30° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL650-5-30, 30° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				71,10	77,85
PL532-1-45, 45° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				64,10	70,19
PL650-3-45, 45° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
PL650-5-45, 45° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
PL532-1-60, 60° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				64,10	70,19
PL650-3-60, 60° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
PL650-5-60, 60° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
PL532-1-90, 90° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm				64,10	70,19
PL650-3-90, 90° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
PL650-5-90, 90° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm				64,10	70,19
Molded Plastic Line Generating Lenses		Status	MOQ	EUR / pc	USD / pc
	molded plastic lenses for line generation - LINE - CROSS LINE				
LG-35, Ø8 x 2 mm, 35° lineoptik, PMMA				2,65	2,90
LG-58, Ø8 x 2 mm, 58° lineoptik, PMMA				2,65	2,90
LG-90, Ø8 x 2 mm, 90° lineoptik, PMMA				2,65	2,90
LG-110, Ø8 x 3 mm, 110° lineoptik, PMMA				2,65	2,90
CG-58, Ø8 x 2 mm, 2x 58° cross-lineoptik, PMMA				2,98	3,26
Diffractive Pattern Generators		Status	MOQ	EUR / pc	USD / pc
	Diffractive Optical Elements from ruled PMMA sheets - LINE - CROSS LINE - CIRCLE - CIRCLE + CROSS LINE (target)				
DPG11, circle, angle 3°, acrylic die, Ø7 x 1 mm				1,10	1,20
DOE-7C, circle, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm				1,19	1,30
DPG12, line, angle 6°, acrylic die, Ø7 x 1 mm				1,10	1,20
DOE-7L, line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm				1,19	1,30
DPG18, cross line, angle 8.8°, acrylic die, Ø7 x 1 mm				1,10	1,20
DOE-7CL, cross line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm				1,19	1,30
DOE-7T, circle with cross line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm				1,19	1,30


Retroreflectors		Status	MOQ	EUR / pc	USD / pc
	trihedral prisms or corner cubes do reflect a laser beam by 180° back to its origin through total internal reflection				
CCUBE-13-K9, Ø12.7 x 9.5 mm, 60/40 SD, flatness $\lambda/10$, uncoated, H-K9L				48,00	52,56
CCUBE-13-BK7, Ø12.7 x 9.5 mm, S/D 60/40, flatness $\lambda/10$, uncoated, BK7				70,00	76,65
CCUBE-25-K9, Ø25.4 x 19 mm, S/D 60/40, flatness $\lambda/10$, uncoated, H-K9L				48,00	52,56
CCUBE-25-BK7, Ø25.4 x 19 mm, S/D 60/40, flatness $\lambda/10$, uncoated, BK7				87,50	95,81
Right Angle Prisms		Status	MOQ	EUR / pc	USD / pc
	prisms can be used to deviate a laser beam by 90° or 180° depending on which side is used for the input beam				
RA-PRISM-10-K9, Right Angle Prism, 10x10x10 mm, $\lambda/10$, uncoated, H-K9L				16,00	17,52
RA-PRISM-10-BK7, Right Angle Prism, 10x10x10 mm, $\lambda/10$, uncoated, BK7				17,50	19,16
RA-PRISM-20-K9, Right Angle Prism, 20x20x20 mm, $\lambda/10$, uncoated, H-K9L				24,50	26,83
RA-PRISM-20-BK7, Right Angle Prism, 20x20x20 mm, $\lambda/10$, uncoated, BK7				28,50	31,21
RA-PRISM-25-K9, Right Angle Prism, 25x25x25 mm, $\lambda/10$, uncoated, H-K9L				29,10	31,86
RA-PRISM-25-BK7, Right Angle Prism, 25x25x25 mm, $\lambda/10$, uncoated, BK7				33,10	36,24
Anamorphic Prisms		Status	MOQ	EUR / pc	USD / pc
	anamorphic prism pairs are used to convert an elliptic laser diode beam to near round beam profile				
AN-PRISM-12-SF11, Anamorphic Prism, 12x12x8.5 mm, $\lambda/10$, uncoated, SF11, 1 pc.				44,00	48,18
Equilateral Prisms		Status	MOQ	EUR / pc	USD / pc
	equilateral or dispersion prisms have three equal 60° angles, and are used for spectral dispersion of light				
EL-PRISM-25-K9, Equilateral Prism, 25.4 mm, $\lambda/10$, uncoated, H-K9L				45,00	49,27
EL-PRISM-25-BK7, Equilateral Prism, 25.4 mm, $\lambda/10$, uncoated, BK7				52,50	57,48
Penta Prisms		Status	MOQ	EUR / pc	USD / pc
	penta prism deviates the input beam through 90°, but does not invert the image in the process				
PT-PRISM-10-K9, Penta Prism, 10x10 mm, $\lambda/10$, AL coating, H-K9L				69,60	76,21
PT-PRISM-10-BK7, Penta Prism, 10x10 mm, $\lambda/10$, AL coating, BK7				42,00	45,99
PT-PRISM-25-BK7, Penta Prism, 25.4x25.4 mm, $\lambda/10$, AL coating, BK7				84,00	91,98
Polarizing Beamsplitter Cubes		Status	MOQ	EUR / pc	USD / pc
	beamsplitter splits randomly polarized light into two linear polarized beams				
PBS-05-BK7, Pol. Beamsplitter Cube, 5x5x5 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7				110,00	120,44
PBS-10-ZF1, Pol. Beamsplitter Cube, 10x10x10 mm, $\lambda/4$, design wavelength 450-650 nm, SD 60/40, ZF1				92,00	100,73
PBS-10-BK7, Pol. Beamsplitter Cube, 10x10x10 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7				117,50	128,66
PBS-20-ZF1, Pol. Beamsplitter Cube, 20x20x20 mm, $\lambda/4$, design wavelength 450-650 nm, SD 60/40, ZF1				98,60	107,96
PBS-20-BK7, Pol. Beamsplitter Cube, 20x20x20 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7				133,20	145,85

Optical Windows		Status	MOQ	EUR / pc	USD / pc
	BK7 and H-K9L high precision uncoated windows for broad wavelength range of 350 nm to 2 μm excellent transmission in the visible and IR range				
WIN-10-K9, Window, Ø10 x 3 mm, uncoated, H-K9L glass				9,50	10,40
WIN-10-BK7, Window, Ø10 x 3 mm, uncoated, BK7 glass				9,50	10,40
WIN-13-K9, Window, Ø12.7 x 3 mm, uncoated, H-K9L glass				9,50	10,40
WIN-13-BK7, Window, Ø12.7 x 3 mm, uncoated, BK7 glass				9,50	10,40
WIN-15-K9, Window, Ø15 x 3 mm, uncoated, H-K9L glass				10,50	11,50
WIN-15-BK7, Window, Ø15 x 3 mm, uncoated, BK7 glass				10,50	11,50
WIN-20-K9, Window, Ø20 x 3 mm, uncoated, H-K9L glass				13,50	14,78
WIN-20-BK7, Window, Ø20 x 3 mm, uncoated, BK7 glass				13,50	14,78
WIN-25-K9, Window, Ø25.4 x 3 mm, uncoated, H-K9L glass				18,00	19,71
WIN-25-BK7, Window, Ø25.4 x 3 mm, uncoated, BK7 glass				18,00	19,71
WIN-30-K9, Window, Ø30 x 3 mm, uncoated, H-K9L glass				19,00	20,80
WIN-30-BK7, Window, Ø30 x 3 mm, uncoated, BK7 glass				19,00	20,80
WIN-50-K9, Window, Ø50.8 x 3 mm, uncoated, H-K9L glass				25,50	27,92
WIN-50-BK7, Window, Ø50.8 x 3 mm, uncoated, BK7 glass				25,50	27,92
Metal Coated Mirrors		Status	MOQ	EUR / pc	USD / pc
	metal coated mirrors are ideally suited for reflecting light over a broad range of wavelengths				
MIR-AL-25K9, Mirror, Ø25.4 x 3 mm, λ/10, coating AL+SiO2, RAVS >87%, H-K9L				36,50	39,97
MIR-AL-25BK, Mirror, Ø25.4 x 3 mm, λ/10, coating AL+SiO2, RAVS >87%, BK7				37,50	41,06
MIR-AG-25K9, Mirror, Ø25.4 x 3 mm, λ/10, coating AG+SiO2, RAVS >95%, H-K9L				38,50	42,16
MIR-AG-25BK, Mirror, Ø25.4 x 3 mm, λ/10, coating AG+SiO2, RAVS >95%, BK7				39,50	43,25
Cone Mirrors		Status	MOQ	EUR / pc	USD / pc
	cone mirrors are used to reflect a laser beam by 90° and spread it's light in an angle of 360°				
CMIR-AL-70, Cone Mirror, Ø7.0 x 3.0 (6.0) mm, λ/10, Aluminum				22,10	24,20
Axicon Lenses		Status	MOQ	EUR / pc	USD / pc
	An AXICON transforms a laser beam into a ring shaped distribution. It can be used to turn a Gaussian beam into non-diffractive Bessel-like beams. - S/D: 60/40 - ARC > 99 % @ 400-700nm - CA > 90 %				
AXICON-12-165, Axicon Lens, Ø12.0 x 1.6 mm, H-K9L, ARC 400-700 nm				55,70	60,99
Half Ball Lenses		Status	MOQ	EUR / pc	USD / pc
	Half ball lenses with high refraction index for shortest focal length ideally suited for fiber coupling application, endoscopy, ... S/D 40/20 Ovality <0,003				
HBL-01, Half ball lens, Ø1 mm, uncoated, H-K9L glass				11,90	13,03
HBL-02, Half ball lens, Ø2 mm, uncoated, H-K9L glass				9,20	10,07
HBL-03, Half ball lens, Ø3 mm, uncoated, H-K9L glass				9,20	10,07
HBL-04, Half ball lens, Ø4 mm, uncoated, H-K9L glass				9,20	10,07
HBL-05, Half ball lens, Ø5 mm, uncoated, H-K9L glass				9,20	10,07
HBL-06, Half ball lens, Ø6 mm, uncoated, H-K9L glass				12,80	14,02
HBL-08, Half ball lens, Ø8 mm, uncoated, H-K9L glass				12,80	14,02
HBL-10, Half ball lens, Ø10 mm, uncoated, H-K9L glass				14,20	15,55
HBL-15, Half ball lens, Ø15 mm, uncoated, H-K9L glass				17,50	19,16
HBL-18, Half ball lens, Ø18 mm, uncoated, H-K9L glass				29,10	31,86
HBL-25, Half ball lens, Ø25 mm, uncoated, H-K9L glass				33,60	36,79
HBL-38, Half ball lens, Ø38 mm, uncoated, H-K9L glass				41,90	45,88



Ball Lenses		Status	MOQ	EUR / pc	USD / pc
 <p>ball lenses with high refraction index for shortest focal length ideally suited for fiber coupling application, endoscopy, ... S/D 40/20 Ovality <0,003</p>					
BL-01, Ball Lens, Ø1 mm, uncoated, H-K9L glass				9,90	10,84
BL-02, Ball Lens, Ø2 mm, uncoated, H-K9L glass				8,20	8,98
BL-03, Ball Lens, Ø3 mm, uncoated, H-K9L glass				8,20	8,98
BL-04, Ball Lens, Ø4 mm, uncoated, H-K9L glass				8,20	8,98
BL-05, Ball Lens, Ø5 mm, uncoated, H-K9L glass				8,20	8,98
BL-06, Ball Lens, Ø6 mm, uncoated, H-K9L glass				11,80	12,92
BL-08, Ball Lens, Ø8 mm, uncoated, H-K9L glass				12,20	13,36
BL-10, Ball Lens, Ø10 mm, uncoated, H-K9L glass				13,10	14,34
BL-15, Ball Lens, Ø15 mm, uncoated, H-K9L glass				15,50	16,97
BL-18, Ball Lens, Ø18 mm, uncoated, H-K9L glass				57,90	63,40
BL-25, Ball Lens, Ø25 mm, uncoated, H-K9L glass				62,40	68,32
BL-38, Ball Lens, Ø38 mm, uncoated, H-K9L glass				68,70	75,22


Fiber Optic Collimators		Status	MOQ	EUR / pc	USD / pc
 <p>Collimate light exiting a fiber to a selected spot size. The lenses are broadband coated, but can be also offered with customized antireflection coating. The units are available with FC/PC or SMA connector. focal lengths 4 - 40 mm, spot size 1.1 - 11 mm</p>					
FOC-A4F30-FC, f: 4 mm, 3 mrad, spot Ø1.1 mm, Ø18 x 29 mm, FC connector				o.r.	o.r.
FOC-A4F30-SMA, f: 4 mm, 3 mrad, spot Ø1.1 mm, Ø18 x 29 mm, SMA connector				o.r.	o.r.
FOC-C10F12-FC, f: 10 mm, 1.2 mrad, spot Ø2.75 mm, Ø18 x 30.4 mm, FC connector				o.r.	o.r.
FOC-C10F12-SMA, f: 10 mm, 1.2 mrad, spot Ø2.75 mm, Ø18 x 30.4 mm, SMA connector				o.r.	o.r.
FOC-C15F10-FC, f: 15 mm, 1 mrad, spot Ø4 mm, Ø18 x 30.4 mm, FC connector				o.r.	o.r.
FOC-C15F10-SMA, f: 15 mm, 1 mrad, spot Ø4 mm, Ø18 x 30.4 mm, SMA connector				o.r.	o.r.
FOC-C15F10Q-FC, f: 15 mm, 1 mrad, spot Ø4 mm, quartz lens, Ø18 x 30.4 mm, FC connector				o.r.	o.r.
FOC-C15F10Q-SMA, f: 15 mm, 1 mrad, spot Ø4 mm, quartz lens, Ø18 x 30.4 mm, SMA conn.				o.r.	o.r.
FOC-B18F07-FC, f: 18 mm, 0.7 mrad, spot Ø5 mm, Ø18 x 34 mm, FC connector				o.r.	o.r.
FOC-B18F07-SMA, f: 18 mm, 0.7 mrad, spot Ø5 mm, Ø18 x 34 mm, SMA connector				o.r.	o.r.
FOC-C20F10-FC, f: 20 mm, 1 mrad, spot Ø5.5 mm, Ø18 x 30.4 mm, FC connector				o.r.	o.r.
FOC-C20F10-SMA, f: 20 mm, 1 mrad, spot Ø5.5 mm, Ø18 x 30.4 mm, SMA connector				o.r.	o.r.
FOC-C20F05D-FC, f: 20 mm, 0.5 mrad, spot Ø5.5 mm, double lens, Ø18 x 30.4 mm, FC conn.				o.r.	o.r.
FOC-C20F05D-SMA, f: 20 mm, 0.5 mrad, spot Ø5.5 mm, double lens, Ø18 x 30.4 mm, SMA				o.r.	o.r.
FOC-D30F07-FC, f: 30 mm, 0.7 mrad, spot Ø8.2 mm, Ø25.4 x 56.1 mm, FC connector				o.r.	o.r.
FOC-D30F07-SMA, f: 30 mm, 0.7 mrad, spot Ø8.2 mm, Ø25.4 x 56.1 mm, SMA connector				o.r.	o.r.
FOC-D40F07-FC, f: 40 mm, 0.7 mrad, spot Ø11 mm, Ø25.4 x 56.1 mm, FC connector				o.r.	o.r.
FOC-D40F07-SMA, f: 40 mm, 0.7 mrad, spot Ø11 mm, Ø25.4 x 56.1 mm, SMA connector				o.r.	o.r.
FOC-D40F08D-FC, f: 40 mm, 0.8 mrad, spot Ø11 mm, double lens, Ø25.4 x 56.1 mm, FC conn.				o.r.	o.r.
FOC-D40F08D-SMA, f: 40 mm, 0.8 mrad, spot Ø11 mm, double lens, Ø25.4 x 56.1 mm, SMA				o.r.	o.r.
FOC-D40F02Q-FC, f: 40 mm, 0.2 mrad, spot Ø11 mm, quartz lens, Ø25.4 x 56.1 mm, FC conn.				o.r.	o.r.
FOC-D40F02Q-SMA, f: 40 mm, 0.2 mrad, spot Ø11 mm, quartz lens, Ø25.4 x 56.1 mm, SMA				o.r.	o.r.

CW405 series VIOLET 405 nm		Status	MOQ	EUR / pc	USD / pc
 <p>VIOLET Diode laser modules Automatic Power Control (APC) Power Supply + Holder available</p>					
CW405-01, 405 nm, 1 mW, fixfocus, automatic power control, 2-5 VDC, Ø12 x 20 (49) mm				29,80	32,63
CW405-01C, 405 nm, 1 mW, fixfocus, automatic power control, 5 VDC, Ø12 x 20 (49) mm, USB-C		NEW		38,20	41,83
CW405-05, 405 nm, 5 mW, fixfocus, automatic power control, 2-5 VDC, Ø12 x 20 (49) mm				29,80	32,63
CW405-05C, 405 nm, 5 mW, fixfocus, automatic power control, 5 VDC, Ø12 x 20 (49) mm, USB-C		NEW		38,20	41,83



RLD series VIOLET 405 nm	Status	MOQ	EUR / pc	USD / pc
 <p>VIOLET Diode laser modules Automatic Power Control (APC) Focusable Power Supply available</p>				
RLDD405-1-3, 405 nm, 1 mW, 0.5 mrad, focusable, <70 mA, 3 VDC, Ø14 x 45 mm			52,00	56,94
RLDE405-12-6, 405 nm, 12 mW, 0.6 mrad, focusable, <70 mA, 6 VDC, Ø22 x 65 mm			98,00	107,30
Modulable				
RLDE405M-20-5, 405 nm, <20 mW, TTL <20 kHz, focusable, 5 VDC, Ø16 x 50 mm			138,00	151,10
RLDE405M-50-5, 405 nm, <50 mW, TTL <20 kHz, focusable, 5 VDC, Ø22 x 65 mm			149,00	163,15
RLDE405M-100-5, 405 nm, <100 mW, TTL <20 kHz, focusable, 5 VDC, Ø22 x 65 mm			160,00	175,19





LASER MODULES - BLUE




CW450 series BLUE 450 nm	Status	MOQ	EUR / pc	USD / pc
 <p>BLUE diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available</p> <p>450 nm</p>				
CW450-01, 450 nm, 1 mW, automatic power control, 2-5 VDC, Ø12 x 21 (44) mm			38,90	42,59
CW450-01C, 450 nm, 1 mW, automatic power control, 5 VDC, Ø12 x 21 (44) mm, USB-C connector	NEW		47,30	51,79
CW450-05, 450 nm, 5 mW, automatic power control, 2-5 VDC, Ø12 x 21 (44) mm			38,90	42,59
CW450-05C, 450 nm, 5 mW, automatic power control, 5 VDC, Ø12 x 21 (44) mm, USB-C connector	NEW		47,30	51,79
CW450-05F, 450 nm, 5 mW, APC, focusable, modulation, 2-5 VDC, Ø13 x 29 (54) mm			47,70	52,23
RLD series BLUE 450 nm	Status	MOQ	EUR / pc	USD / pc
 <p>high quality blue laser diode module - ACC (automatic current control) - focusable glass lens - 40 mW</p> <p>450 nm</p>				
RLDD450-40-5, 450 nm, 40 mW, 0.5 mrad, focusable, <170 mA, 5 VDC, Ø14 x 45 mm			128,00	140,15

CW473H series BLUE 473 nm	Status	MOQ	EUR / pc	USD / pc
 <p>BLUE DPSS laser modules Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p>				
CW473H-01, 473 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			817,00	894,57
CW473H-10, 473 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			817,00	894,57
CW473H-30, 473 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			899,00	984,35
CW473H-50, 473 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			1.114,00	1.219,77
Heat Sink				
CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC			152,00	166,43



LASER MODULES - GREEN


APCD-01 series GREEN 520 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body CW + PWM Mode Fixfocus Acryl Lens 6 VDC Supply Voltage</p>				
APCD-520-01-C2, 520 nm, <1 mW, laser class II, lop <100 mA, fixfocus, Ø4.0 x 8.5 mm	NEW		33,90	37,12
APCD-520-01-C3, 520 nm, <4 mW, lop <100 mA, fixfocus, Ø4.0 x 8.5 mm	NEW		33,90	37,12
APCD-02 series GREEN 520 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 6.0 mm x 11 mm Brass Body CW + PWM Mode Focusable Acryl Lens 6 VDC Supply Voltage</p>				
APCD-520-02-C2, 520 nm, <1 mW, laser class II, lop <100 mA, focusable, Ø6.0 x 11 mm	NEW		31,90	34,93
APCD-520-02-C3, 520 nm, <4 mW, lop <100 mA, focusable, Ø6.0 x 11 mm	NEW		31,90	34,93

APCD-07 series GREEN 520 nm		Status	MOQ	EUR / pc	USD / pc
	ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body CW + PWM Mode Fixfocus Acryl Lens 6 VDC Supply Voltage				
APCD-520-07-C2, 520 nm, <1 mW, laser class II, Iop <100 mA, fixfocus, Ø3.3 x 8.0 mm		NEW		35,90	39,31
CW520 series GREEN 515 nm		Status	MOQ	EUR / pc	USD / pc
	GREEN Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available				
CW520-01, 515 nm, <1 mW, cw, automatic power control, 3-5 VDC, Ø12 x 18 (36) mm				35,90	39,31
CW520-01C, 515 nm, <1 mW, cw, automatic power control, 5 VDC, Ø12 x 18 (36) mm, USB-C		NEW		44,90	49,16
CW520-838-01, 515 nm, <1 mW, cw, automatic power control, 3-5 VDC, Ø8 x 18 (38) mm				32,90	36,02
CW520-05, 515 nm, <5 mW, cw, automatic power control, 3-5 VDC, Ø12 x 18 (36) mm				35,90	39,31
CW520-05C, 515 nm, <5 mW, cw, automatic power control, 5 VDC, Ø12 x 18 (36) mm, USB-C		NEW		44,90	49,16
CW520-838-05, 515 nm, <5 mW, cw, automatic power control, 3-5 VDC, Ø8 x 18 (38) mm				32,90	36,02
RLCW520 series GREEN 520 nm		Status	MOQ	EUR / pc	USD / pc
	DIRECT EMITTING green diode laser modules - glass lens, fixed focus - CW operation - APC (automatic power control) - wide operating temperature (-10..+60°C) 520 nm				
RLCW520-5-5, 520 nm, 5 mW, APC, 0.8 mrad, fixed focus, 120 mA, 5 VDC, Ø8 x 35 mm				165,00	180,67
RLCW520F-9-5, 520 nm, 9 mW, APC, 0.8 mrad, focusable, 100 mA, 5 VDC, Ø16 x 65 mm				182,00	199,28
RLCW520-12-5, 520 nm, 12 mW, APC, 0.8 mrad, fixed focus, 250 mA, 5 VDC, Ø8 x 35 mm				182,00	199,28
Modulable					
RLCW520M-1-3, 520 nm, 1 mW, APC, TTL <1 kHz, fixed focus, 30 mA, 3 VDC, Ø8 x 35 mm				165,00	180,67
RLCW520M-5-5, 520 nm, 5 mW, APC, TTL <10 kHz, fixed focus, 120 mA, 5 VDC, Ø8 x 35 mm				182,42	199,74
CW532 series GREEN 532 nm		Status	MOQ	EUR / pc	USD / pc
	GREEN DPSS Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available 532 nm				
CW532-001, 532 nm, <1 mW, cw, APC, 0.6 mrad, ~140 mA, 3.0 VDC, Ø12 x 31 (49) mm				37,20	40,73
CW532-01C, 532 nm, <1 mW, cw, APC, 0.6 mrad, ~140 mA, 5 VDC, Ø12 x 31 (49) mm, USB-C		NEW		48,90	53,54
CW532-001F, 532 nm, <1 mW, APC, focusable, 150 mA, 3.0 VDC, Ø13 x 37 (55) mm				43,70	47,85
CW532-1-831, 532 nm, <1 mW, cw, APC, 1.2 mrad, 3.0 VDC, Ø8 x 31 (49) mm				36,20	39,64
CW532-005, 532 nm, <5 mW, cw, APC, 0.6 mrad, ~140 mA, 3.0 VDC, Ø12 x 31 (49) mm				40,20	44,02
CW532-05C, 532 nm, <5 mW, cw, APC, 0.6 mrad, ~140 mA, 5 VDC, Ø12 x 31 (49) mm, USB-C		NEW		50,70	55,51
CW532-005F, 532 nm, <5 mW, APC, focusable, 200 mA, 3.0 VDC, Ø13 x 37 (55) mm				43,70	47,85
CW532-5-831, 532 nm, <5 mW, cw, APC, 1.2 mrad, 3.0 VDC, Ø8 x 31 (49) mm				36,20	39,64
CW532-010, 532 nm, 10 mW, cw, APC, 0.8 mrad, ~200 mA, 3.0 VDC, Ø12 x 31 (49) mm				56,20	61,54
CW532-010F, 532 nm, 10 mW, APC, focusable, 200 mA, 3.0 VDC, Ø13 x 37 (55) mm				53,70	58,80
CW532-020, 532 nm, 20 mW, cw, APC, 0.8 mrad, ~250 mA, 3.0 VDC, Ø12 x 31 (49) mm				69,00	75,55
CW532-020F, 532 nm, 20 mW, APC, focusable, 250 mA, 3.0 VDC, Ø13 x 37(55) mm				67,20	73,58
CW532-030, 532 nm, 30 mW, cw, APC, 0.8 mrad, ~350 mA, 3.0 VDC, Ø12 x 35 (53) mm				93,20	102,05
CW532-050, 532 nm, 50 mW, cw, APC, 0.8 mrad, ~600 mA, 3.0 VDC, Ø12 x 35 (53) mm				100,20	109,71
CW532-050F, 532 nm, 50 mW, APC, focusable, 600 mA, 3.0 VDC, Ø13 x 37 (55) mm				100,40	109,93
CW532-100, 532 nm, 100 mW, cw, ACC, 1.2 mrad, ~650 mA, 3.0 VDC, Ø12 x 31 (49) mm				200,20	219,21
CW532-100F, 532 nm, 100 mW, ACC, focusable, 650 mA, 3.0 VDC, Ø13 x 37(55) mm				197,20	215,92
High operating temperature					
CW532HT-1, 532 nm, 0.5-0.99 mW, cw, APC, 10-50°C, 1.2 mrad, 3 VDC, Ø12 x 31.3 (51.3) mm				69,70	76,32
CW532HT-5, 532 nm, 3-5 mW, cw, APC, 10-50°C, 1.2 mrad, 3 VDC, Ø12 x 31.3 (51.3) mm				69,70	76,32
LAS532-WT50-3, 532 nm, 3.25 mW, cw, APC, -10-50°C, 1.7 mrad, 3 VDC, Ø12 x 35 mm				102,00	111,68


CW532H series GREEN 532 nm		Status	MOQ	EUR / pc	USD / pc
	<p>GREEN DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>532 nm</p>				
CW532H-050, 532 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				316,00	346,00
CW532H-100, 532 nm, 100 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				461,00	504,77
CW532H-300, 532 nm, 300 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				733,00	802,59
Heat Sink					
CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC				152,00	166,43
CW532-04 series GREEN 532 nm		Status	MOQ	EUR / pc	USD / pc
	<p>GREEN DPSS Diode laser modules</p> <p>Automatic Power Control (APC) CW + modulation (BNC) 9.0 VDC</p> <p>532 nm</p>				
CW532-04-1, 532 nm, <1 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				199,00	217,89
CW532-04-5, 532 nm, <5 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				219,00	239,79
CW532-04-10, 532 nm, <10 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				229,00	250,74
CW532-04-20, 532 nm, <20 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				318,00	348,19
CW532-04-30, 532 nm, >30 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				365,00	399,65
CW532-04-50, 532 nm, 50 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				449,00	491,63
CW532-04-80, 532 nm, 80 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC				547,00	598,93
RLDD532 series GREEN 532 nm		Status	MOQ	EUR / pc	USD / pc
	<p>small size diode pumped solid state green laser modules, ready to use, auto power control, size: 16 x 60 mm supply voltage: 3.0 VDC</p> <p>532 nm</p>				
RLDD532-1-3, 532 nm, 1 mW, cw, laser class II, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm				78,34	85,78
RLDD532-1-3-LI, 532 nm, 1 mW, cw, laser class II, APC, 0.5 mrad, 3.0 VDC, wires only, Ø16 x 60 mm				78,34	85,78
RLDD532-3-3, 532 nm, 3 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm				80,77	88,44
RLDD532-5-3, 532 nm, 5 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm				90,77	99,39
RLDD532-10-3, 532 nm, 10 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø20 x 80 mm				122,31	133,92
RLDD532-50-3, 532 nm, 50 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø42 x 80 mm				313,00	342,72

LASER MODULES - GREEN LINE


RLCW520 GREEN 520 nm		Status	MOQ	EUR / pc	USD / pc
	<p>Green focusable line laser module</p> <ul style="list-style-type: none"> - APC (automatic power control) - Focusable - 90° line, cylinder lens - wide operating temperature (-10..+60°C) <p>520 nm</p>				
RLCW520FL-5-5, 520 nm, 5 mW, line, 0.4 mrad, focusable, 150 mA, 5 VDC, Ø16 x 65 mm				166,70	182,53
CW532-L series GREEN 532 nm		Status	MOQ	EUR / pc	USD / pc
	<p>GREEN Diode pumped solid state (DPSS) line laser modules</p> <p>60° line generating lens (cylinder lens) Automatic Power Control (APC) Power Supply + Holder available</p> <p>532 nm</p>				
CW532-001L, 532 nm, <1 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				41,00	44,89
CW532-1-833L, 532 nm, <1 mW, cw, APC, 60° line, 150 mA, 3.0 VDC, Ø8 x 35 (53) mm				41,10	45,00
CW532-005L, 532 nm, <5 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				44,30	48,51
CW532-5-833L, 532 nm, <5 mW, cw, APC, 60° line, 200 mA, 3.0 VDC, Ø8 x 35 (53) mm				41,10	45,00
CW532-010L, 532 nm, <10 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				60,60	66,35
CW532-020L, 532 nm, <20 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				73,80	80,81
CW532-030L, 532 nm, 30 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				97,20	106,43
CW532-050L, 532 nm, 50 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				104,70	114,64
CW532-100L, 532 nm, 100 mW, cw, ACC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm				204,70	224,13

RLDD532 GREEN 532 nm	Status	MOQ	EUR / pc	USD / pc
 <p>DIRECT EMITTING green line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - 90° line, cylinder lens - wide operating temperature (-10..+60°C) 				
RLDD532-5-3, 532 nm, <5 mW, cw, APC, 90° line, <300 mA, 3.0 VDC, Ø14 x 60 mm			78,00	85,41


LASER MODULES - GREEN CROSS LINE


RLC series GREEN	Status	MOQ	EUR / pc	USD / pc
 <p>DIRECT EMITTING green cross line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - 90° cross line, cylinder lenses - fixed focus - wide operating temperature (-10 .. +60 °C) <p>520 + 532 nm</p>				
RLCW520C-5-5, 520 nm, 4.5-5.5 mW, cross line, fixed focus, 80 mA, 5 VDC, Ø20 x 80 mm			182,00	199,28
RLCA532-5-3, 532 nm, <5 mW, cw, APC, cross line, <300 mA, 3.0 VDC, Ø20 x 80 mm			91,00	99,64



LASER MODULES - GREEN 360° LINE

TN360 series GREEN	Status	MOQ	EUR / pc	USD / pc
 <p>High power 360° line laser module</p> <p>Compact size laser module with 360° line projection through a polished cone mirror. Working distance: 5 m</p>				
TN360-5020, 505 nm, 20 mW, 360° line, 7.0 VDC, Ø13(20) x 35 mm			59,00	64,60
TN360-5230, 520 nm, 30 mW, 360° line, 3-5 VDC, Ø13(20) x 35 mm	EOL		59,00	64,60




LASER MODULES - YELLOW





CW561H series YELLOW-GREEN 561 nm	Status	MOQ	EUR / pc	USD / pc
 <p>YELLOW-GREEN DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>561 nm</p>				
CW561H-01, 561 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			990,00	1.083,99
CW561H-05, 561 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			990,00	1.083,99
CW561H-10, 561 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			990,00	1.083,99
CW561H-20, 561 nm, 20 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			1.411,00	1.544,96
Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC			152,00	166,43

CW589H series YELLOW 589 nm	Status	MOQ	EUR / pc	USD / pc
 <p>YELLOW DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>589 nm</p>				
CW589H-01, 589 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			910,00	996,40
CW589H-05, 589 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			910,00	996,40
CW589H-10, 589 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			910,00	996,40
CW589H-30, 589 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			1.114,00	1.219,77
CW589H-50, 589 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			1.529,00	1.674,17
CW589H-80, 589 nm, 80 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			1.882,00	2.060,68
Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC			152,00	166,43



CW series YELLOW 593 nm		Status	MOQ	EUR / pc	USD / pc
	Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Heat Sink required				
CW593-01, 593 nm, <1 mW, cw, < 1.2 mrad, <450 mA, 3.0 VDC, Ø12 x 31 (49) mm		NEW		54,30	59,46
Heat Sink SQ50X34, heat sink for CW Ø 12mm series, black aluminium, 114 g, 50 x 50 x 34 mm				18,90	20,69
CW594H series YELLOW 593.5 nm		Status	MOQ	EUR / pc	USD / pc
	YELLOW DPSS laser modules Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available 593.5 nm				
CW594H-01, 593.5 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC		NEW		910,00	996,40
CW594H-05, 593.5 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				956,00	1.046,76
CW594H-10, 593.5 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				1.114,00	1.219,77
CW594H-20, 593.5 nm, 20 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				1.294,00	1.416,86
CW594H-30, 593.5 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC				1.529,00	1.674,17
Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC				152,00	166,43








LASER MODULES - RED 635 nm






CW series RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	Automatic Power Control (APC) Focusable Cinch or USB-C Connector 635 nm				
CW635-01, 635 nm, <1 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				16,90	18,50
CW635-01C, 635 nm, <1 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector		NEW		21,90	23,98
CW635-05, 635 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				18,20	19,93
CW635-05C, 635 nm, <5 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector		NEW		23,20	25,40
CW635-10, 635 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				25,70	28,14
CW635-10C, 635 nm, 10 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector		NEW		29,70	32,52
LJ series RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	Automatic Power Control (APC) Focusable Single Element Acryl Lens Modulation Option available 635 nm				
LDM635/1LJ, 635 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm				31,80	34,82
LDM635/3LJ, 635 nm, 3 mW, focusable, 3-5 V, Ø12 x 30.5 mm				35,60	38,98
LDM635/5LJ, 635 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm				37,60	41,17
Modulable LDM635/1LJM, 635 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm				28,00	30,66
LDM635/5LJM, 635 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm				38,90	42,59
LT series RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available 635 nm				
LDM635/1LT, 635 nm, 1 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				48,20	52,78
LDM635/1LTF, 635 nm, 1 mW, fixfocus, glass lens, 4-6V, Ø13 x 52 mm				31,00	33,94
LDM635/3LT, 635 nm, 3 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				32,40	35,48
LDM635/5LT, 635 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				52,00	56,94
Modulable LDM635/5LTM, 635 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				60,00	65,70


APCD-02 Series RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	Compact Size Ø 6.0 mm x 11 mm Brass Body APC Driver integrated Focusable Acryl Lens 3 VDC Supply Voltage				
APCD-635-02-C2, 635 nm, <1 mW, laser class II, focusable, Ø6.0 x 11 mm				9,33	10,22
APCD-635-02-C3, 635 nm, <3 mW, focusable, Ø6.0 x 11 mm				9,33	10,22
LM-101-C4 RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	Low Cost General Purpose Module APC Driver Fix Focus Acryl Lens 3 VDC Supply Voltage				
LM-101-C4, 635 nm, <1 mW, TUV, 3.0 VDC, Ø8 x 24 mm				6,35	6,95
RLD series RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	RLD red laser diode module series - single mode - focusable glass lens 635 nm				
RLDC635-2.2-3-LI, 635 nm, typ. 2.5 mW, focusable, 3 VDC, wires only, Ø8 x 25.0 mm				29,90	32,74
RLDE635-10-3, 635 nm, 10 mW, SM, focusable, 3 VDC, Ø14 x 45 mm				53,00	58,03
Modulable					
RLDH635M-4-5, 635 nm, 4 mW, APC, TTL <500 kHz, focusable, 5 VDC, Ø12 x 34 mm				31,00	33,94
LDM635 RED 635 nm		Status	MOQ	EUR / pc	USD / pc
	LDM635-03-05x25 low cost laser diode module for general purposes, 635 nm, < 3 mW				
LDM635-03-08X25, 635 nm, <3 mW, fixfocus, 3.0 VDC, Ø8 x 25 mm				8,10	8,87

LASER MODULES - RED 650 nm


CW series RED 650 nm		Status	MOQ	EUR / pc	USD / pc	
	RED Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Focusable Power Supply + Holder available					
CW650-01, 650 nm, <1 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				15,30	16,75	
CW650-01C, 650 nm, <1 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector				NEW	19,50	21,35
CW650-05, 650 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				16,50	18,07	
CW650-05C, 650 nm, <5 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector				NEW	20,80	22,77
CW650-10, 650 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm				22,90	25,07	
CW650-10C, 650 nm, 10 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector				NEW	27,30	29,89
LJ series RED 650 nm		Status	MOQ	EUR / pc	USD / pc	
	Automatic Power Control (APC) Focusable Single Element Acryl Lens Modulation Option available 650 nm					
LDM650/1LJ, 650 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm				22,00	24,09	
LDM650/3LJ, 650 nm, 3 mW, focusable, 3-5 V, Ø12 x 30.5 mm				24,00	26,28	
LDM650/5LJ, 650 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm				25,90	28,36	
Modulable						
LDM650/1LJM, 650 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm				24,00	26,28	
LDM650/5LJM, 650 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm				29,00	31,75	

LT series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available 650 nm				
LDM650/1LT, 650 nm, 1 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				42,00	45,99
LDM650/3LT, 650 nm, 3 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				31,30	34,27
LDM650/5LT, 650 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				39,00	42,70
Modulable					
LDM650/5LTM, 650 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm				40,00	43,80
APCD-01 series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	Compact Size Ø 4.0 mm x 9.1 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage				
APCD-650-01-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm				8,33	9,12
APCD-650-01-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm				8,33	9,12
APCD-02 series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	Compact Size Ø 6.0 mm x 11 mm Brass Body APC Driver integrated Focusable Acryl Lens 3 VDC Supply Voltage				
APCD-650-02-C2, 650 nm, <1 mW, laser class II, focusable, Ø6.0 x 11 mm				8,63	9,45
APCD-650-02-C3, 650 nm, <3 mW, focusable, Ø6.0 x 11 mm				8,63	9,45
APCD-06 series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	Compact Size Ø 6.5 mm x 9.0 mm Aryl Body APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage 650 nm				
APCD-650-06-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm				6,49	7,11
APCD-650-06-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm				6,49	7,11
APCD-07 series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage				
APCD-650-07-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm				8,80	9,64
APCD-650-07-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm				8,80	9,64
LM-101-A16 RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	low cost red laser module series, for general purpose input voltage 3-5 VDC, Po <1 mW, 9 x 26 mm Laser class II 650 nm				
LM-101-A16, 650 nm, <1 mW, Laser Class II, fixfocus, 3-5 VDC, Ø9 x 26 mm				8,48	9,29
LM-101-A16F, 650 nm, <1 mW, Laser Class II, focusable, 3-5 VDC, Ø9 x 26 mm				8,48	9,29
LM-10x RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	low cost red laser module series, for general purpose power typ <1 mW or <5 mW, custom design on request 650 nm				
LM-101-A4, 650 nm, <1 mW, TUV, 3.0 VDC, Ø8 x 24 mm				6,20	6,79
LM-102-B004, 650 nm, <5 mW, FDA, 3.0 VDC, Ø8 x 24 mm				8,60	9,42




DT650-2.5-3 RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	low cost laser diode module for general purposes, visible wavelength 650 nm				
DT650-2.5-3, 650 nm, 3 mW, focusable, 3.0 VDC, Ø10.5 x 28 mm				6,89	7,54
VLM650 series RED 650 nm		Status	MOQ	EUR / pc	USD / pc
	Special purpose laser modules VLMxxx-yy-LPT: <1 mW VLMxxx-yy-LPA: <5 mW 650 nm				
VLM650-00, 650 nm, <3 mW, fixfocus, w/o driver board, Ø10.52 x 17.20 mm				25,40	27,81
VLM650-01-LPA, 650 nm, <5 mW, fixfocus, Ø10.4 x 18.5 mm				28,70	31,42
VLM650-02-LPA, 650 nm, <5 mW, fixfocus, Ø10.5 x 17.2 mm				27,20	29,78
VLM650-03-LPT, 650 nm, <1 mW, fixfocus, Ø7.0 x 22.5 mm				23,50	25,73
VLM650-04-LPT, 650 nm, <1 mW, fixfocus, Ø6.55 x 12.10 mm				50 pcs.	15,90
VLM650-06-LPA, 650 nm, <5 mW, fixfocus, Ø12.5 x 53.0 mm				60,00	65,70
VLM650-07-LPA, 650 nm, <5 mW, fixfocus, Ø12.5 x 53.0 mm				61,00	66,79
VLM650-08-LPA, 650 nm, <5 mW, fixfocus, Ø10.51 x 24.6 mm				17,50	19,16
VLM650-09-LPA, 650 nm, <5 mW, fixfocus, Ø10.51 x 31.0 mm				17,50	19,16
VLM650-11-LPA, 650 nm, <5 mW, fixfocus, Ø10.52 x 30.00 mm				26,30	28,80
VLM650-14-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 43.0 mm				43,75	47,90
VLM650-15-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 30.0 mm				43,75	47,90
VLM650-16-LPT, 650 nm, <1 mW, fixfocus, Ø8.50 x 24.5 mm				27,00	29,56
VLM650-16-LPA, 650 nm, <5 mW, fixfocus, Ø8.50 x 24.5 mm				62,30	68,21
VLM650-17-LPT, 650 nm, <1 mW, fixfocus, Ø12.00 x 30.0 mm				28,80	31,53
VLM650-17-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 30.0 mm				28,80	31,53
RLD series RED 650 - 660 nm		Status	MOQ	EUR / pc	USD / pc
	RLD red laser diode modules - single mode - focusable glass lens - TTL modulation option - up to 70mW				
RLDG650-13-3-LI, 655 nm, 13 mW, SM, focusable, 3 VDC, wires only, Ø14 x 45 mm				26,00	28,47
RLDH650-24-3, 655 nm, 24 mW, SM, focusable, 3 VDC, Ø14 x 45 mm				76,00	83,22
RLDH650-24-3-LI, 655 nm, 24 mW, SM, focusable, 3 VDC, wires only, Ø14 x 45 mm				76,00	83,22
RLDH660-40-3, 660 nm, 40 mW, SM, focusable, 3 VDC, Ø16 x 50 mm				136,00	148,91
RLDH660-70-3, 660 nm, 70 mW, SM, focusable, 3 VDC, Ø22 x 65 mm				142,00	155,48
Modulable					
RLDH650M-4-5, 650 nm, 4 mW, APC, TTL <500 kHz, focusable, 5 VDC, Ø12 x 34 mm				26,50	29,02
RLDH650M-24-5, 650 nm, 24 mW, ACC, TTL <200 kHz, focusable, 5 VDC, Ø14 x 45 mm				75,00	82,12
RLDH650M-40-5, 650 nm, 40 mW, ACC, TTL <50 kHz, focusable, 5 VDC, Ø16 x 50 mm				118,00	129,20
RLD Micro series RED 650 - 670 nm		Status	MOQ	EUR / pc	USD / pc
	very small size 8 x 27.5 mm - focusable glass collimator - power supply 3 VDC 650, 670 nm				
RLDG650-1-3-LI, 650 nm, 1 mW, APC, 0.8 mrad, fixed focus, 50 mA, 3 VDC, wires only, Ø7 x 14 mm				6,50	7,12
RLDC650-2.2-3, 650 nm, typ. 2 mW, focusable, 3 VDC, Ø8 x 25.0 mm				16,00	17,52
RLDC670-2.2-3-LI, 670 nm, typ. 2 mW, focusable, 3 VDC, wires only, Ø8 x 25 mm				20,15	22,06
LDM-1A RED 670 nm		Status	MOQ	EUR / pc	USD / pc
	Micro laser diode module series - PCB mountable - focussable (100µm spotsize) - divergence < 1 mrad 670 nm				
LDM-1A, 670 nm, <1 mW, FDA, 3-6 VDC, 13 x 13 x 10 mm				5 pcs.	335,00

OEM series RED	Status	MOQ	EUR / pc	USD / pc
 <p>low cost general purpose laser diode modules PHASE OUT</p>				
LM-01, 650 nm, <3 mW, dot, fixfocus, 3.0 VDC, Ø8 x 29.5 mm	EOL		3,50	3,83
LM-02, 650 nm, <3 mW, dot, fixfocus, 3.0 VDC, Ø12 x 30.5 mm	EOL		3,50	3,83
RLM-650-A-1, 650 nm, 1-2 mW, 3.0-4.5 VDC, Ø10 x 26.5 mm	EOL		5,83	6,38
RLM-635-A-3, 635 nm, typ. 3..5 mW, 3.0-4.5 VDC, Ø10 x 26.5 mm	EOL		13,78	15,09
RLM-635-B-1, 635 nm, <1 mW, 3.0-4.5 VDC, Ø8 x 23.5 mm	EOL		13,78	15,09


LASER MODULES - RED BEAM EXPANDER

RLE series RED	Status	MOQ	EUR / pc	USD / pc
 <p>expanded beam laser diode module series for extreme target distances</p> <p>635, 650 nm</p>				
RLE635-1-3-8, 635 nm, 1 mW, SM, Ø8 mm beam aperture, round beam, 3 VDC			76,00	83,22
RLE635-2-3-8, 635 nm, 2 mW, SM, Ø8 mm beam aperture, round beam, 3 VDC			93,00	101,83
RLE635-2-3-20, 635 nm, 2 mW, SM, Ø20 mm beam aperture, round beam, 3 VDC			112,00	122,63
RLE650-1-3-8, 650 nm, 1 mW, SM, Ø8 mm beam aperture, square beam, 3 VDC			64,00	70,08
RLE650-8-3-20, 650 nm, 8 mW, SM, Ø20 mm beam aperture, square beam, 3 VDC			134,00	146,72
RLE650-8-5-30, 650 nm, 8 mW, SM, Ø30 mm beam aperture, square beam, 5 VDC			169,00	185,05


LASER MODULES - RED LINE

RLCW series RED	Status	MOQ	EUR / pc	USD / pc
 <p>Red focusable line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - Focusable - 90° line, cylinder lens - wide operating temperature (-10..+60°C) <p>635 + 650 nm</p>				
RLCW635FL-5-3, 635 nm, 5 mW, line, 0.4 mrad, focusable, 3 VDC, Ø16 x 65 mm	NEW		71,43	78,21
RLCW650FL-5-3, 655 nm, 5 mW, line, 0.4 mrad, focusable, 3 VDC, Ø16 x 65 mm	NEW		65,70	71,94
LM-101-A102 RED	Status	MOQ	EUR / pc	USD / pc
 <p>low cost, red line laser module, for general purpose. Input voltage 3-5 VDC, Po <1 mW, 60° acrylic line generating lens, 9 x 30 mm</p> <p>Laser class II</p>				
LM-101-A102, 650 nm, <1 mW, line, Laser Class II, 3-5 VDC, Ø9 x 30 mm			8,48	9,29
RLL series RED	Status	MOQ	EUR / pc	USD / pc
 <p>high power line laser module uses cylindrical glass lens</p>				
RLLI635-2.5-3, 635 nm, 2.5 mW, typ. 100° line, 3 VDC, with connector, Ø8 x 25.5 mm			28,00	30,66
RLLI635-2.5-3-LI, 635 nm, 2.5 mW, typ. 100° line, 3 VDC, wires only, Ø8 x 25.5 mm			28,00	30,66
RLLH635-4-3-LI, 635 nm, 4 mW, typ. 100° line, 3 VDC, wires only, Ø12 x 32 mm			40,00	43,80
RLLH635-4-5, 635 nm, 4 mW, typ. 100° line, 5 VDC, Ø12 x 32 mm			40,00	43,80
RLLH635-4-5-LI, 635 nm, 4 mW, typ. 100° line, 5 VDC, wires only, Ø12 x 32 mm			40,00	43,80
RLLI650-1-3-LI, 655 nm, <1 mW, 100° line, 3 VDC, wires only, Ø8 x 25.5 mm			25,00	27,37
RLLH650-16-3, 650 nm, 16 mW, typ. 100° line, 3 VDC, Ø14 x 45 mm			83,00	90,88
RLLH650-24-3, 650 nm, 24 mW, typ. 100° line, 3 VDC, Ø14 x 49 mm			146,00	159,86





LASER MODULES - RED CROSS LINE



RLCB series RED	Status	MOQ	EUR / pc	USD / pc
 <p>cross line laser module uses two 90° twisted cylindrical glass lenses APC (automatic power control)</p>				
RLCB635-2.5-3, 635 nm, 2.5 mW, cross line, fixed focus, 3 VDC, Ø16 x 45 mm			40,00	43,80
RLCB635-5-5, 635 nm, 5 mW, cross line, fixed focus, 5 VDC, Ø16 x 45 mm			49,00	53,65

LASER MODULES - RED 360° LINE




TN360 series RED	Status	MOQ	EUR / pc	USD / pc
 <p>High power 360° line laser module Compact size laser module with 360° line projection through a polished cone mirror. Working distance. 5m</p>				
TN360-6450, 638 nm, 50 mW, 360° line, 3-5 VDC, Ø13(20) x 35 mm			35,40	38,76

LASER MODULES - 780 nm


CW series INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW780-005, 780 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		37,90	41,50
CW780-010, 780 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		41,10	45,00
CW780-050, 780 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		53,30	58,36
APCD 01 series INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p>				
APCD-780-01-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm			17,50	19,16
APCD-780-01-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm			17,50	19,16
APCD 06 series INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 6.5 mm x 9.0 mm Aryl Body APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage</p> <p>780 nm</p>				
APCD-780-06-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm			15,00	16,42
APCD-780-06-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm			15,00	16,42
APCD 07 series INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p> <p>780 nm</p>				
APCD-780-07-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm			17,50	19,16
APCD-780-07-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm			17,50	19,16

LDM780-03 INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>LDM780-03-11x30 low cost infrared laser diode module for general purpose</p> <p>780 nm</p>				
LDM780-03-11X20, 780 nm, 3 mW, 3.0 VDC, Ø11 x 20 mm			7,95	8,70
RLD series INFRARED 780 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>780 nm</p>				
RLDC780-2-3-LI, 780 nm, 2 mW, SM, focusable, glass optic, 3 VDC, wires only, Ø14 x 43 mm			24,00	26,28
RLDB780-30-3, 780 nm, 30 mW, focusable, glass optic, 3 VDC, Ø16 x 48 mm			63,00	68,98


LASER MODULES - 808 nm


CW series INFRARED 808 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW808-005, 808 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		19,70	21,57
CW808-010, 808 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		21,40	23,43
CW808-050, 808 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		31,40	34,38
CW808-100, 808 nm, 100 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		33,90	37,12
LDM808/3LJ INFRARED 808 nm	Status	MOQ	EUR / pc	USD / pc
 <p>LJ series laser diode module complete and ready to use, focusable single element aspheric acrylic collimator optic, diverse wavelengths available</p> <p>808 nm</p>				
LDM808/3LJ, 808 nm, 3 mW, focusable, 3-6 V, Ø12 x 30.5 mm			26,70	29,23
RLD series INFRARED 808 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>808 nm</p>				
RLDB808-120-3, 808 nm, 120 mW, focusable, 3 VDC, Ø22 x 65 mm			35,00	38,32
RLDH808-120-3, 808 nm, 120 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm			39,00	42,70
RLDB808-150-3, 808 nm, 150 mW, focusable, 3 VDC, Ø22 x 65 mm			68,00	74,46
RLDB808-200-3, 808 nm, 200 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm			72,00	78,84
RLDB808-200-3-LI, 808 nm, 200 mW, focusable 3 VDC, wires only, Ø22 x 65 mm			72,00	78,84
RLDB808-300-3, 808 nm, 300 mW, focusable, 3 VDC, Ø22 x 65 mm			78,00	85,41
RLDB808-350-3, 808 nm, 350 mW, focusable, 3 VDC, Ø22 x 65 mm			82,00	89,79
RLDB808-500-5, 808 nm, 500 mW, focusable, 5 VDC, Ø45 x 120 mm			88,00	96,35
RLDH808-1200-5, 808 nm, 1.2 W, focusable, 5 VDC, 444 g, Ø45 x 100 mm			277,40	303,74
RLDH808-4000-5, 808 nm, 4.0 W, focusable, 5 VDC, 1.2 kg, 60 x 110 mm			990,00	1.083,99
Modulable				
RLDH808M-120-5, 808 nm, 120 mW, APC, TTL <5 kHz, focusable, 5 VDC, Ø22 x 65 mm			48,00	52,56
RLDH808M-350-5, 808 nm, 350 mW, APC, TTL <5 kHz, focusable, 5 VDC, Ø22 x 65 mm			74,00	81,03


LASER MODULES - 808 nm LINE

RLLH808-350-3 INFRARED 808 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Infrared line laser module - APC (automatic power control) - 90° line, cylinder lens - 350 mW</p> <p>808 nm</p>				
RLLH808-350-3, 808 nm, 350 mW, APC, line, fixed focus, 3 VDC, Ø22 x 70 mm			76,00	83,22


LASER MODULES - 830 nm

CW series INFRARED 830 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW830-005, 830 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		20,90	22,88
CW830-010, 830 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		24,10	26,39
CW830-020, 830 nm, 20 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		33,30	36,46

RLD series INFRARED 830 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series focusable glass lens - up to 120 mW</p> <p>830 nm</p>				
RLDH830-3-3, 830 nm, 3 mW, focusable, ARC glass collimator, 3 VDC, connector plug, Ø12 x 34.5 mm			22,00	24,09
RLDH830-3-3-LI, 830 nm, 3 mW, focusable, ARC glass collimator, 3 VDC, wires only, Ø12 x 34.5 mm			22,00	24,09
RLDH830-30-3, 830 nm, 30 mW, focusable, ARC glass collimator, 3 VDC, Ø14 x 43 mm			35,00	38,32
RLDH830-120-3, 830 nm, 120 mW, focusable, ARC glass collimator, 3 VDC, Ø22 x 65 mm			96,80	105,99


LM-102-H002 INFRARED 830 nm	Status	MOQ	EUR / pc	USD / pc
 <p>low cost, infrared laser diode module, focusable, output power typ. < 3 mW</p> <p>830 nm</p>				
LM-102-H002, 830 nm, <3 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm			o.r.	o.r.

LASER MODULES - 830 nm LINE



RLLH830-30-3 INFRARED 808 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Infrared line laser modules - APC (automatic power control) - 90° line, cylinder lens - 30 mW</p> <p>830 nm</p>				
RLLH830-30-3, 830 nm, 30 mW, APC, line, fixed focus, 3 VDC, Ø14 x 45 mm			79,00	86,50

LASER MODULES - 850 nm


CW series INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW850-005, 850 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		26,20	28,69
CW850-010, 850 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		31,40	34,38
CW850-020, 850 nm, 20 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		44,00	48,18
APCD 01 series INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage 				
APCD-850-01-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø4.0 x 9.1 mm			39,90	43,69
APCD-850-01-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø4.0 x 9.1 mm			39,90	43,69
APCD 06 series INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Compact Size Ø 6.5 mm x 9.0 mm Aryl Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage <p>850 nm</p>				
APCD-850-06-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø6.5 x 9.0 mm			26,10	28,58
APCD-850-06-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø6.5 x 9.0 mm			26,10	28,58
APCD 07 series INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage <p>850 nm</p>				
APCD-850-07-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø3.3 x 8.0 mm			44,90	49,16
APCD-850-07-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø3.3 x 8.0 mm			44,90	49,16
LDM850/3LJ INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>LJ series laser diode module complete and ready to use, focusable single element aspheric acrylic collimator optic, diverse wavelengths available</p> <p>850 nm</p>				
LDM850/3LJ, 850 nm, 3 mW, focusable, 3-6 V, Ø12 x 30.5 mm			39,28	43,01
LDM850/5LT INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available</p> <p>850 nm</p>				
LDM850/5LT, 850 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm			39,90	43,69
RLDC850-2-3-LI INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>very small size 8 x 27.5 mm - focusable glass collimator - power supply 3 VDC</p> <p>850 nm</p>				
RLDC850-2-3-LI, 850 nm, typ. 2 mW, focusable, 3 VDC, Ø8 x 27.5 mm			30,00	32,85

RLD series INFRARED 850 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>850 nm</p>				
DT850-30-3, 850 nm, 30 mW, focusable, 3 VDC, Ø12 x 34.5 mm			109,60	120,01
RLDH850-40-3, 850 nm, 40 mW, APC, focusable, 3 VDC, Ø22 x 65 mm			96,00	105,11
Modulable				
RLDH850M-40-5, 850 nm, 40 mW, APC, TTL <10 kHz, focusable, 5 VDC, Ø22 x 65 mm			108,00	118,25


LASER MODULES - 880 nm

CW series INFRARED 880 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW880-005, 880 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		49,60	54,31
LM-10 series INFRARED 880 nm	Status	MOQ	EUR / pc	USD / pc
 <p>low cost, infrared laser diode module, focusable, output power typ. < 3 mW up to < 26 mW</p> <p>880 nm</p>				
LM-104-E002, 880 nm, <3 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm			44,90	49,16
LM-104-E130, 880 nm, <6 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm			44,90	49,16


LASER MODULES - 905 nm


CW series INFRARED 905 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW905-005, 905 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		98,60	107,96
CW905-010, 905 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		111,40	121,98
CW905-050, 905 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		137,10	150,12


LASER MODULES - 940 nm


CW series INFRARED 940 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW940-005, 940 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		83,20	91,10
CW940-010, 940 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		93,90	102,82
CW940-030, 940 nm, 30 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		108,60	118,91


LASER MODULES - 980 nm

CW series INFRARED 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>				
CW980-005, 980 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		23,80	26,06
CW980-010, 980 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		28,60	31,32
CW980-050, 980 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		34,30	37,56
CW980-100, 980 nm, 100 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		46,70	51,13


RLD series INFRARED 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series focussable glass lens - up to 200 mW 980 nm</p>				
RLDH980-70-3, 980 nm, 70 mW, focusable, 3 VDC, Ø22 x 65 mm			58,00	63,51
RLDB980-120-3, 980 nm, 120 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm			62,00	67,89
RLDB980-120-3-LI, 980 nm, 120 mW, focusable, 3 VDC, wires only, Ø22 x 65 mm			62,00	67,89
RLDH980-120-3, 980 nm, 120 mW, focusable, 3 VDC, Ø22 x 65 mm			62,00	67,89
RLDH980-160-3, 980 nm, 160 mW, focusable, 3 VDC, Ø22 x 65 mm			66,00	72,27
RLDH980-200-3, 980 nm, 200 mW, focusable, 3 VDC, Ø22 x 65 mm			68,00	74,46


C2021 series INFRARED 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser diode module series for general purposes 980 nm</p>				
C2021-B1, 980 nm, 10..20 mW, focusable, 3 VDC, wires only, Ø10.5 x 20 mm			54,54	59,72
C2021-C1, 980 nm, 20..35 mW, focusable, 3 VDC, wires only, Ø10.5 x 20 mm			66,66	72,99


LDM980/25LT INFRARED 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available 980 nm</p>				
LDM980/25LT, 980 nm, 25 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm			51,90	56,83

LM-106-G130 INFRARED 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>low cost, infrared laser diode module, focusable 980 nm</p>				
LM-106-G130, 980 nm, <26 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm			19,90	21,79


LASER MODULES - 1064 nm

CW series INFRARED 1064 nm	Status	MOQ	EUR / pc	USD / pc
 <p>INFRARED Diode pumped solid state (DPSS) laser modules Automatic Power Control (APC) Power Supply + Holder available 1064 nm</p>				
CW1064-01, 1064 nm, <1 mW, cw, APC, 0.8 mrad 3.0 VDC, Ø12 x 31 (49) mm			124,90	136,76
CW1064-05, 1064 nm, <5 mW, cw, APC, 0.8 mrad 3.0 VDC, Ø12 x 31 (49) mm			124,90	136,76


CW1064H series INFRARED 1064 nm		Status	MOQ	EUR / pc	USD / pc
 <p>INFRARED DPSS laser modules Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available 1064 nm</p>	CW1064H-100, 1064 nm, 100 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			379,00	414,98
	CW1064H-300, 1064 nm, 300 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			482,00	527,76
	CW1064H-500, 1064 nm, 500 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC			608,00	665,73
	Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC			152,00	166,43

PIL-VI series INFRARED 1064 nm		Status	MOQ	EUR / pc	USD / pc
 <p>solid state cw infrared laser modules, 5 VDC separate driver unit cooling necessary! --> heat sink available</p>	PIL-VI-1064-1, DPSS, 1064 nm, 1 mW, cw, 5 VDC, Ø12 x 40 mm			271,43	297,20
	PIL-VI-1064-3, DPSS, 1064 nm, 3 mW, cw, 5 VDC, Ø12 x 40 mm			314,29	344,13
	PIL-VI-1064-5, DPSS, 1064 nm, 5 mW, cw, 5 VDC, Ø12 x 40 mm			314,29	344,13
	PIL-VI-1064-10, DPSS, 1064 nm, 10 mW, cw, 5 VDC, Ø12 x 40 mm			342,86	375,41
	PIL-VI-1064-20, DPSS, 1064 nm, 20 mW, cw, 5 VDC, Ø12 x 40 mm			371,43	406,69
	PIL-VI-1064-50, DPSS, 1064 nm, 50 mW, cw, 5 VDC, Ø12 x 40 mm			616,00	674,48
	PIL-VI-1064-100, DPSS, 1064 nm, 100 mW, cw, 5 VDC, Ø12 x 40 mm			471,43	516,19
	PIL-VI-1064-200, DPSS, 1064 nm, 200 mW, cw, 5 VDC, Ø12 x 40 mm			523,81	573,54
	PIL-VI-1064-300, DPSS, 1064 nm, 300 mW, cw, 5 VDC, Ø12 x 40 mm			482,00	527,76


LASER MODULES - 1083 nm

CW series INFRARED 1083 nm		Status	MOQ	EUR / pc	USD / pc
 <p>INFRARED Diode pumped solid state (DPSS) laser modules Automatic Power Control (APC) Power Supply + Holder available 1083 nm</p>	CW1083-01, 1083 nm, <1 mW, cw, APC, 0.8 mrad, 3.0 VDC, Ø12 x 31 (49) mm			124,90	136,76
	CW1083-05, 1083 nm, <5 mW, cw, APC, 0.8 mrad, 3.0 VDC, Ø12 x 31 (49) mm			124,90	136,76

LASER MODULES - 1310 nm


CW series INFRARED 1310 nm		Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>	CW1310-005, 1310 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		77,10	84,42
	CW1310-010, 1310 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		84,70	92,74

LASER MODULES - 1550 nm

CW series INFRARED 1550 nm		Status	MOQ	EUR / pc	USD / pc
 <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p>	CW1550-005, 1550 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		77,10	84,42
	CW1550-010, 1550 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm	NEW		84,70	92,74


LASER MODULES - DUAL COLOR



APCM series GREEN - RED - INFRARED		Status	MOQ	EUR / pc	USD / pc
 <p>DUAL color laser modules with single beam axis emission</p> <ul style="list-style-type: none"> - CW operation - APC logic - laser class 2 / 3R <p>520 655 845 nm</p>					
520 + 655 nm					
APCM-5165-01-C2, 520+655 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm		NEW		75,90	83,11
APCM-5165-01-C3, 520+655 nm, single beam, 2-4 mW, laser class 3R, APC, Ø15 x 29 mm		NEW		75,90	83,11
520 + 845 nm					
APCM-5185-01-C2, 520+845 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm		NEW		80,90	88,58
APCM-5185-01-C3, 520+845 nm, single beam, 2-4 mW, APC, laser class 3R, Ø15 x 29 mm		NEW		80,90	88,58
655 + 845 nm					
APCM-6585-01-C2, 655+845 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm		NEW		64,20	70,30
APCM-6585-01-C3, 655+845 nm, single beam, 2-4 mW, APC, laser class 3R, Ø15 x 29 mm		NEW		64,20	70,30

LASER MODULES - PC CONTROLLED







RLLM series 405 - 845 nm		Status	MOQ	EUR / pc	USD / pc
 <p>PC controlled laser modules, USB 2.0, incl. software</p> <ul style="list-style-type: none"> - CW mode and modulation (up to 50 kHz) - optional: detachable line generator (10 up to 90 °) <p>405 - 845 nm</p>					
405 nm					
RLLM-405PC-1, 405 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				516,60	565,65
RLLM-405PC-5, 405 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				534,00	584,70
RLLM-405PC-10, 405 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				582,30	637,58
RLLM-405PC-30, 405 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				645,80	707,11
RLLM-405PC-50, 405 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				774,90	848,47
RLLM-405PC-80, 405 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				904,05	989,88
445 nm					
RLLM-445PC-1, 445 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				516,60	565,65
RLLM-445PC-5, 445 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				534,00	584,70
RLLM-445PC-10, 445 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				582,30	637,58
RLLM-445PC-30, 445 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				645,80	707,11
RLLM-445PC-50, 445 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm				774,90	848,47

447 nm		
RLLM-447PC-1, 447 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-447PC-5, 447 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	534,00	584,70
RLLM-447PC-10, 447 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	582,30	637,58
RLLM-447PC-30, 447 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	645,80	707,11
RLLM-447PC-50, 447 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
RLLM-447PC-80, 447 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	904,10	989,94
450 nm		
RLLM-450PC-1, 450 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-450PC-5, 450 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	534,00	584,70
RLLM-450PC-10, 450 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	582,30	637,58
RLLM-450PC-30, 450 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	645,80	707,11
RLLM-450PC-50, 450 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
RLLM-450PC-80, 450 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	904,10	989,94
520 nm		
RLLM-520PC-1, 520 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-520PC-5, 520 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	683,20	748,06
RLLM-520PC-10, 520 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	721,00	789,45
RLLM-520PC-20, 520 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
RLLM-520PC-50, 520 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	904,05	989,88
635 nm		
RLLM-635PC-1, 635 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	387,50	424,29
RLLM-635PC-5, 635 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	392,20	429,44
RLLM-635PC-10, 635 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-635PC-20, 635 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	578,30	633,21
637 nm		
RLLM-637PC-1, 637 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	387,50	424,29
RLLM-637PC-5, 637 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	392,20	429,44
RLLM-637PC-10, 637 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	425,60	466,01
RLLM-637PC-20, 637 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-637PC-50, 637 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
640 nm		
RLLM-640PC-1, 640 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	387,50	424,29
RLLM-640PC-5, 640 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	392,20	429,44
RLLM-640PC-10, 640 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	425,60	466,01
RLLM-640PC-20, 640 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	516,60	565,65
RLLM-640PC-50, 640 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
685 nm		
RLLM-685PC-1, 685 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	645,75	707,06
RLLM-685PC-5, 685 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	774,90	848,47
RLLM-685PC-10, 685 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	802,80	879,02
RLLM-685PC-20, 685 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	904,05	989,88
RLLM-685PC-50, 685 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	1.162,35	1.272,71
845 nm		
RLLM-845PC-1, 845 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	645,75	707,06
RLLM-845PC-5, 845 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	802,80	879,02
RLLM-845PC-10, 845 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	862,00	943,84
RLLM-845PC-20, 845 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	904,10	989,94
RLLM-845PC-50, 845 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm	1.162,40	1.272,76
Powell line generator lens attachment		
RLLM-PL10, detachable Powell Lens, 10°	179,00	195,99
RLLM-PL15, detachable Powell Lens, 15°	179,00	195,99
RLLM-PL30, detachable Powell Lens, 30°	179,00	195,99
RLLM-PL45, detachable Powell Lens, 45°	179,00	195,99
RLLM-PL50, detachable Powell Lens, 50°	179,00	195,99
RLLM-PL60, detachable Powell Lens, 60°	179,00	195,99
RLLM-PL75, detachable Powell Lens, 75°	179,00	195,99
RLLM-PL90, detachable Powell Lens, 90°	179,00	195,99

ACCESSORIES FOR LASER MODULES



SQ50x34 Heat Sink	Status	MOQ	EUR / pc	USD / pc
 <p>Heat sink for laser modules suitable for all Ø12 mm laser modules, like CW405, C450 or CW532 series Dimensions: 50 x 50 x 34 mm</p>				
SQ50X34, heat sink for CW Ø12mm series, black aluminium, 114 g, 50 x 50 x 34 mm			18,90	20,69
SQFAN12, Fan for heat sink SQ50x34, 12VDC, 0.7W, 40x40x10.5mm			9,70	10,62

RLM Laser Module Holder		Status	MOQ	EUR / pc	USD / pc
	Height, reach, and tilt adjustable laser module holder with full 360° turnable fixture suitable for laser modules up to 16.5 mm in diameter				
RLM-1250, Laser Module Holder, Ø <12.5 mm, 69 x 67 mm, 152 g				26,40	28,91
RLM-1650, Laser Module Holder, Ø <16.5 mm, 69 x 67 mm, 152 g				26,40	28,91
LPS Power Supplies		Status	MOQ	EUR / pc	USD / pc
	100-240 VAC universal power supplies for 3 VDC and 5 VDC laser modules with 0.5 m supply line - CE marking - AC Europlug (CEE 7/16) - IEC 60130-10 Type A connector				
LPS31C, Laser Power Supply, Input 100-240 VAC, Output 3.0 VDC, max. 1 A, 30x80x75 mm, 80g				19,90	21,79
LPS51C, Laser Power Supply, Input 100-240 VAC, Output 5.0 VDC, max. 1 A, 30x80x75 mm, 80g				19,90	21,79
	110-230 VAC universal power supplies for 3 VDC and 5 VDC laser modules with 1 m supply line and ON / OFF switch - Small ripple (<80 mV) - AC Europlug (CEE 7/16) - IEC 60130-10 Type A connector				
LPS51, Laser Power Supply, Input 110-230 VAC, Output 5.0 VDC, max. 1 A, 33x62x105 mm				29,90	32,74

LASER SYSTEMS UV - 261 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

261 nm

RLTUVL-261 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-261-1-10, 261 nm, 1 mW, cw, <10%, stability, PSU-FDA			10.772,00	11.794,72
RLTUVL-261-3-10, 261 nm, 2 mW, cw, <10%, stability, PSU-FDA			12.567,00	13.760,14
RLTUVL-261-5-10, 261 nm, 5 mW, cw, <10%, stability, PSU-FDA			15.155,00	16.593,85
RLTUVL-261-10-10, 261 nm, 10 mW, cw, <10%, stability, PSU-FDA			18.522,00	20.280,52

LASER SYSTEMS UV - 266 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

266 nm

RLTMPL-266 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-266-5-5, 266 nm, 5 mW, / 1 µJ, ~10 ns pulse, PSU-FDA			8.079,00	8.846,04
RLTMPL-266-10-5, 266 nm, 10 mW, / 2 µJ, ~10 ns pulse, PSU-FDA			11.670,00	12.777,98
RLTMPL-266-30-5, 266 nm, 30 mW, / 3 µJ, ~10 ns pulse, PSU-FDA			12.567,00	13.760,14
RLTMPL-266-50-5, 266 nm, 50 mW, / 5 µJ, ~10 ns pulse, PSU-FDA			14.362,00	15.725,56
RLTMPL-266-100-5, 266 nm, 100 mW, / 10 µJ, ~10 ns pulse, PSU-FDA			16.838,00	18.436,64
RLTMPL-266-200-5, 266 nm, 200 mW, / 10 µJ, ~10 ns pulse, PSU-FDA			20.206,00	22.124,41
RLTMPL-266-400-5, 266 nm, 400 mW, / 20 µJ, ~10 ns pulse, PSU-FDA			23.573,00	25.811,08
RLTMPL-266-600-5, 266 nm, 600 mW, / 30 µJ, ~10 ns pulse, PSU-FDA			30.309,00	33.186,61
RLTAOL-266 series DPSS AOM Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTAOL-266-10-10, 266 nm, 10 mW, @ 10 kHz, 3 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA			10.771,00	11.793,63
RLTAOL-266-30-10, 266 nm, 30 mW, @ 10 kHz, 3 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA			14.362,00	15.725,56
RLTAOL-266-50-10, 266 nm, 50 mW, @ 10 kHz, 5 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA			16.838,00	18.436,64
RLTAOL-266-100-10, 266 nm, 100 mW, @ 10 kHz, 10 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA			20.206,00	22.124,41
RLTAOL-266-200-10, 266 nm, 200 mW, @ 10 kHz, 20 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA			23.573,00	25.811,08

LASER SYSTEMS UV - 303 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

303 nm

RLTUVL-303 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-303-1-10, 303 nm, 1 mW, cw, <10%, stability, PSU-FDA			9.874,00	10.811,46
RLTUVL-303-3-10, 303 nm, 3 mW, cw, <10%, stability, PSU-FDA			11.669,00	12.776,88
RLTUVL-303-5-10, 303 nm, 5 mW, cw, <10%, stability, PSU-FDA			13.464,00	14.742,31
RLTUVL-303-10-10, 303 nm, 10 mW, cw, <10%, stability, PSU-FDA			15.154,00	16.592,76
RLTUVL-303-15-10, 303 nm, 15 mW, cw, <10%, stability, PSU-FDA			18.522,00	20.280,52
RLTUVL-303-20-10, 303 nm, 20 mW, cw, <10%, stability, PSU-FDA			21.890,00	23.968,29

LASER SYSTEMS UV - 320 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

320 nm

RLTUVL-320 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-320-3-10, 320 nm, 3 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			8.079,00	8.846,04
RLTUVL-320-5-10, 320 nm, 5 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			9.874,00	10.811,46
RLTUVL-320-10-10, 320 nm, 10 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			11.669,00	12.776,88
RLTUVL-320-15-10, 320 nm, 15 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			14.362,00	15.725,56
RLTUVL-320-20-10, 320 nm, 20 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			16.838,00	18.436,64
RLTUVL-320-30-10, 320 nm, 30 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA			23.573,00	25.811,08

LASER SYSTEMS UV - 349 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

349 nm

RLTUVL-349 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-349-3-10, 349 nm, 3 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			7.676,00	8.404,78
RLTUVL-349-5-10, 349 nm, 5 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			8.976,00	9.828,20
RLTUVL-349-10-10, 349 nm, 10 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			10.771,00	11.793,63
RLTUVL-349-15-10, 349 nm, 15 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			13.464,00	14.742,31
RLTUVL-349-20-10, 349 nm, 20 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			15.154,00	16.592,76
RLTUVL-349-30-10, 349 nm, 30 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA			21.890,00	23.968,29
RLTMPL-349 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-349-5-10, 349 nm, 5 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			7.676,00	8.404,78
RLTMPL-349-10-10, 349 nm, 10 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			8.976,00	9.828,20
RLTMPL-349-20-10, 349 nm, 20 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			10.771,00	11.793,63
RLTMPL-349-30-10, 349 nm, 30 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			14.362,00	15.725,56

LASER SYSTEMS UV - 351 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| Pulsed operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

351 nm

RLTMPL-351 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-351-1-10, 351 nm, 1 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			7.676,00	8.404,78
RLTMPL-351-5-10, 351 nm, 5 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			8.976,00	9.828,20
RLTMPL-351-10-10, 351 nm, 10 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			10.771,00	11.793,63
RLTMPL-351-20-10, 351 nm, 20 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA			14.362,00	15.725,56

LASER SYSTEMS UV - 355 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

355 nm

RLTUVL-355 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-355-1-10, 355 nm, 1 mW, cw, <10%, stability, PSU-FDA			6.717,00	7.354,73
RLTUVL-355-5-10, 355 nm, 5 mW, cw, <10%, stability, PSU-FDA			8.079,00	8.846,04
RLTUVL-355-10-10, 355 nm, 10 mW, cw, <10%, stability, PSU-FDA			10.771,00	11.793,63
RLTUVL-355-15-10, 355 nm, 15 mW, cw, <10%, stability, PSU-FDA			13.464,00	14.742,31
RLTMPL-355 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-355-10-5, 355 nm, 10 mW, / 1 µJ, ~5 ns pulse, <5%, stability, PSU-FDA			7.676,00	8.404,78
RLTMPL-355-30-5, 355 nm, 30 mW, / 4 µJ, ~5 ns pulse, <5%, stability, PSU-FDA			8.976,00	9.828,20
RLTMPL-355-50-5, 355 nm, 50 mW, / 5 µJ, ~5 ns pulse, <5%, stability, PSU-FDA			10.771,00	11.793,63
RLTMPL-355-100-5, 355 nm, 100 mW, 10 µJ, ~5 ns pulse, <5% stability, PSU-FDA			9.874,00	10.811,46
RLTMPL-355-200-5, 355 nm, 200 mW, / 15 µJ, ~7 ns pulse, <5%, stability, PSU-FDA			12.800,00	14.015,26
RLTMPL-355-300-5, 355 nm, 200 mW, / 30 µJ, ~7 ns pulse, <5%, stability, PSU-FDA			13.464,00	14.742,31
RLTMPL-355-500-5, 355 nm, 500 mW, / 50 µJ, ~7 ns pulse, <5%, stability, PSU-FDA			14.312,00	15.670,82
RLTAOM-355 series DPSS AOM Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTAOM-355-10-5, 355 nm, 10 mW, @ 1 kHz, 10 µJ, 5-10 ns pulse, <5%, stability, PSU-AOM			9.874,00	10.811,46
RLTAOM-355-20-5, 355 nm, 20 mW, @ 1 kHz, 30 µJ, 5-10ns pulse, <5%, stability, PSU-AOM			11.669,00	12.776,88
RLTAOM-355-40-5, 355 nm, 40 mW, @ 1 kHz, 40 µJ, 5-10 ns pulse, <5%, stability, PSU-AOM			13.464,00	14.742,31
RLTAOM-355-1W-5, 355 nm, 1 W @ 20 kHz, 50 µJ, ~15 ns pulse, <5%, stability, PSU-AOM			14.362,00	15.725,56
RLTAOM-355-2W-5, 355 nm, 2 W, @ 20 kHz, 100 µJ, ~15 ns pulse, <5%, stability, PSU-AOM			15.154,00	16.592,76
RLTAOM-355-3W-5, 355 nm, 3 W, @ 20 kHz, 150 µJ, ~15 ns pulse, <5%, stability, PSU-AOM			16.838,00	18.436,64

LASER SYSTEMS UV - 360 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

360 nm

RLTUVL-360 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-360-10-3, 360 nm, 10 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTUVL-360-30-3, 360 nm, 30 mW, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTUVL-360-50-3, 360 nm, 50 mW, cw, stability <3%, PSU-FDA			13.471,00	14.749,97
RLTUVL-360-100-3, 360 nm, 100 mW, cw, stability <3%, PSU-FDA			16.838,00	18.436,64
RLTUVL-360-150-3, 360 nm, 150 mW, cw, stability <3%, PSU-FDA			25.257,00	27.654,96
RLTUVL-360-200-3, 360 nm, 200 mW, cw, stability <3%, PSU-FDA			31.992,00	35.029,40

LASER SYSTEMS UV - 375 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

375 nm

RLTUVL-375 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-375-30-3, 375 nm, 30 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTUVL-375-50-3, 375 nm, 50 mW, cw, stability <3%, PSU-FDA			9.874,00	10.811,46
RLTUVL-375-100-3, 375 nm, 100 mW, cw, stability <3%, PSU-FDA			10.771,00	11.793,63
RLTUVL-375-150-3, 375 nm, 150 mW, cw, stability <3%, PSU-FDA			11.669,00	12.776,88

LASER SYSTEMS UV - 395 / 397 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

395 / 397 nm

RLTUVL-395 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-395-20-3, 395 nm, 20 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTUVL-395-50-3, 395 nm, 50 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTUVL-395-80-3, 395 nm, 100 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTUVL-395-100-3, 395 nm, 100 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTUVL-397 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTUVL-397-20-3, 397 nm, 20 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTUVL-397-50-3, 397 nm, 50 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTUVL-397-80-3, 397 nm, 100 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTUVL-397-100-3, 397 nm, 150 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73

LASER SYSTEMS VIOLET - 400 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

400 nm

RLTMDL-400 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-400-50-3, 400 nm, 50 mW, cw, stability <3%, PSU-FDA			2.914,00	3.190,66
RLTMDL-400-100-3, 400 nm, 100 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-400-200-3, 400 nm, 200 mW, cw, stability <3%, PSU-FDA			4.364,00	4.778,33
RLTMDL-400-300-3, 400 nm, 300 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-400-500-3, 400 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS VIOLET - 405 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, singel longitudinal mode, remote control

405 nm

RLTMDL-405 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-405-10-3, 405 nm, 10 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-405-50-3, 405 nm, 50 mW, cw, stability <3%, PSU-LED			1.592,00	1.743,15
RLTMDL-405-100-3, 405 nm, 100 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-405-200-3, 405 nm, 200 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-405-300-3, 405 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-405-400-3, 405 nm, 400 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-405-500-3, 405 nm, 500 mW, cw, stability <3%, PSU-FDA			3.912,00	4.283,41
RLTMLL-405 series DIODE CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-405-10-3, 405 nm, 10 mW, cw, stability <3%, PSU-FDA			1.529,00	1.674,17
RLTMLL-405-50-3, 405 nm, 50 mW, cw, stability <3%, PSU-FDA			1.529,00	1.674,17
RLTMLL-405-100-3, 405 nm, 100 mW, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMLL-405-200-3, 405 nm, 200 mW, cw, stability <3%, PSU-FDA			2.470,00	2.704,51
RLTMLL-405-300-3, 405 nm, 300 mW, cw, stability <3%, PSU-FDA			3.269,00	3.579,37
RLTMLL-405-400-3, 405 nm, 400 mW, cw, stability <3%, PSU-FDA			3.815,00	4.177,21
RLTMLL-405-500-3, 405 nm, 500 mW, cw, stability <3%, PSU-FDA			4.990,00	5.463,76

LASER SYSTEMS VIOLET - 410 / 415 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

410 / 415 nm

RLTMDL-410 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-410-50-3, 410 nm, 50 mW, cw, stability <3%, PSU-FDA			2.914,00	3.190,66
RLTMDL-410-100-3, 410 nm, 100 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-410-200-3, 410 nm, 200 mW, cw, stability <3%, PSU-FDA			3.693,00	4.043,62
RLTMDL-410-300-3, 410 nm, 300 mW, cw, stability <3%, PSU-FDA			4.364,00	4.778,33
RLTMDL-410-500-3, 410 nm, 500 mW, cw, stability <3%, PSU-FDA			5.388,00	5.899,55
RLTMDL-415 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-415-50-3, 415 nm, 50 mW, cw, stability <3%, PSU-FDA			2.914,00	3.190,66
RLTMDL-415-100-3, 415 nm, 100 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-415-200-3, 415 nm, 200 mW, cw, stability <3%, PSU-FDA			4.364,00	4.778,33
RLTMDL-415-300-3, 415 nm, 300 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-415-500-3, 415 nm, 300 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS BLUE - 442 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

442 nm

RLTMDL-442 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-442-10-3, 442 nm, 10 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-442-30-3, 442 nm, 30 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-442-50-3, 442 nm, 50 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-442-80-3, 442 nm, 80 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMLL-442 series DIODE CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-442-10-3, 442 nm, 10 mW, cw, stability <3%, laser head 141x46x73 mm			2.280,00	2.496,47
RLTMLL-442-30-3, 442 nm, 30 mW, cw, stability <3%, laser head 141x46x73 mm			2.823,00	3.091,02
RLTMLL-442-50-3, 442 nm, 50 mW, cw, stability <3%, laser head 141x46x73 mm			3.291,00	3.603,46

LASER SYSTEMS BLUE - 445/447/450 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

445/447/450 nm

RLTMDL-445 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-445L-10-3, 445 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA			1.448,00	1.585,48
RLTMDL-445L-20-3, 445 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA			1.523,00	1.667,60
RLTMDL-445L-30-3, 445 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA			1.676,00	1.835,12
RLTMDL-445L-50-3, 445 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA			1.719,00	1.882,21
RLTMDL-445-50-3, 445 nm, 50 mW, cw, stability <3%, PSU-FDA			838,00	917,56
RLTMDL-445L-80-3, 445 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA			1.900,00	2.080,39
RLTMDL-445-100-3, 445 nm, 100 mW, cw, stability <3%, PSU-FDA			915,00	1.001,87
RLTMDL-445-500-3, 445 nm, 500 mW, cw, stability <3%, PSU-FDA			984,00	1.077,42
RLTMDL-445-1W-3, 445 nm, 1 W, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-445-1W5-3, 445 nm, 1.5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-445-2W-3, 445 nm, 2 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-445-3W5-3, 445 nm, 3.5 W, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

RLTMDL-447 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-447L-10-3, 447 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA			1.448,00	1.585,48
RLTMDL-447L-20-3, 447 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA			1.523,00	1.667,60
RLTMDL-447L-30-3, 447 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA			1.676,00	1.835,12
RLTMDL-447L-50-3, 447 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA			1.719,00	1.882,21
RLTMDL-447-50-3, 447 nm, 50 mW, cw, stability <3%, PSU-FDA			838,00	917,56
RLTMDL-447L-80-3, 447 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA			1.900,00	2.080,39
RLTMDL-447-100-3, 447 nm, 100 mW, cw, stability <3%, PSU-FDA			915,00	1.001,87
RLTMDL-447-500-3, 447 nm, 500 mW, cw, stability <3%, PSU-FDA			984,00	1.077,42
RLTMDL-447-1W-3, 447 nm, 1 W, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-447-1W5-3, 447 nm, 1.5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-447-2W-3, 447 nm, 2 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-447-3W5-3, 447 nm, 3.5 W, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-450 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-450L-10-3, 450 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA			1.448,00	1.585,48
RLTMDL-450L-20-3, 450 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA			1.523,00	1.667,60
RLTMDL-450L-30-3, 450 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA			1.676,00	1.835,12
RLTMDL-450L-50-3, 450 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA			1.719,00	1.882,21
RLTMDL-450-50-3, 450 nm, 50 mW, cw, stability <3%, PSU-FDA			838,00	917,56
RLTMDL-450L-80-3, 450 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA			1.900,00	2.080,39
RLTMDL-450-100-3, 450 nm, 100 mW, cw, stability <3%, PSU-FDA			915,00	1.001,87
RLTMDL-450-500-3, 450 nm, 500 mW, cw, stability <3%, PSU-FDA			984,00	1.077,42
RLTMDL-450-1W-3, 450 nm, 1 W, cw, stability <3%, PSU-FDA			1.000,00	1.094,94
RLTMDL-450-1W5-3, 450 nm, 1.5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-450-2W-3, 450 nm, 2 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-450-3W5-3, 450 nm, 3.5 W, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS BLUE - 454 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

454 nm

RLTMDL-454 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-454-50-3, 454 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-454-100-3, 454 nm, 100 mW, cw, stability <3%, PSU-FDA			2.205,00	2.414,35
RLTMDL-454-300-3, 454 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-454-500-3, 454 nm, 500 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-454-800-3, 454 nm, 800 mW, cw, stability <3%, PSU-FDA			3.693,00	4.043,62

LASER SYSTEMS BLUE - 457 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

457 nm

RLTMBL-457 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMBL-457-10-5, 457 nm, 10 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMBL-457-50-5, 457 nm, 50 mW, cw, stability <5%, PSU-FDA			6.119,00	6.699,95
RLTMBL-457-100-5, 457 nm, 100 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMBL-457-300-5, 457 nm, 300 mW, cw, stability <5%, PSU-FDA			6.717,00	7.354,73
RLTMBL-457-500-5, 457 nm, 500 mW, cw, stability <5%, PSU-FDA			7.181,00	7.862,78
RLTMBL-457-1W-5, 457 nm, 1000 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMBL-457-2W-5, 457 nm, 2000 mW, cw, stability <5%, PSU-FDA			11.669,00	12.776,88
RLTMBL-457-3W-5, 457 nm, 3 W, cw, stability <5%, PSU-FDA			13.464,00	14.742,31
RLTMBL-457-5W-5, 457 nm, 5 W, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMBL-457-10W-5, 457 nm, 10 W, cw, stability <5%, PSU-FDA			33.676,00	36.873,28

RLTMLL-457 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-457-10-3, 457 nm, 10 mW, cw, stability <3%, PSU-FDA			6.237,00	6.829,16
RLTMLL-457-50-3, 457 nm, 50 mW, cw, stability <3%, PSU-FDA			6.793,00	7.437,94
RLTMLL-457-100-3, 457 nm, 100 mW, cw, stability <3%, PSU-FDA			7.001,00	7.665,69
RLTMLL-457-300-3, 457 nm, 300 mW, cw, stability <3%, PSU-FDA			8.168,00	8.943,49
RLTMLL-457-500-3, 457 nm, 500 mW, cw, stability <3%, PSU-FDA			9.335,00	10.221,29
RLTMLL-457-1W-3, 457 nm, 1000 mW, cw, stability <3%, PSU-FDA			11.669,00	12.776,88
RLTMLL-457-2W-3, 457 nm, 2000 mW, cw, stability <3%, PSU-FDA			14.228,00	15.578,84
RLTMLL-457-3W-3, 457 nm, 3 W, cw, stability <3%, PSU-FDA			16.417,00	17.975,67
RLTMLL-457-5W-3, 457 nm, 5 W, cw, stability <3%, PSU-FDA			21.890,00	23.968,29
RLTMLL-457-10W-3, 457 nm, 10 W, cw, stability <3%, PSU-FDA			43.779,00	47.935,49

LASER SYSTEMS BLUE - 460/462/465 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

460/462/465 nm

RLTMDL-460 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-460L-30-3, 460 nm, 30 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile			1.900,00	2.080,39
RLTMDL-460L-50-3, 460 nm, 50 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile			2.353,00	2.576,40
RLTMDL-460-50-3, 460 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-460L-80-3, 460 nm, 80 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile			2.743,00	3.003,43
RLTMDL-460-100-3, 460 nm, 100 mW, cw, stability <3%, PSU-FDA			2.205,00	2.414,35
RLTMDL-460-300-3, 460 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-460-500-3, 460 nm, 500 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-460-800-3, 460 nm, 800 mW, cw, stability <3%, PSU-FDA			3.693,00	4.043,62
RLTMDL-462 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-462-50-3, 462 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-462-100-3, 462 nm, 100 mW, cw, stability <3%, PSU-FDA			2.254,00	2.468,00
RLTMDL-462-300-3, 462 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-462-500-3, 462 nm, 500 mW, cw, stability <3%, PSU-FDA			3.429,00	3.754,56
RLTMDL-462-1W-3, 462 nm, 1 W, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMDL-462-2W-3, 462 nm, 2 W, cw, stability <3%, PSU-FDA			4.871,00	5.333,46
RLTMDL-465 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-465-50-3, 465 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-465-100-3, 465 nm, 100 mW, cw, stability <3%, PSU-FDA			2.254,00	2.468,00
RLTMDL-465-300-3, 465 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-465-500-3, 465 nm, 500 mW, cw, stability <3%, PSU-FDA			3.429,00	3.754,56
RLTMDL-465-1W-3, 465 nm, 1 W, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMDL-465-2W-3, 465 nm, 2 W, cw, stability <3%, PSU-FDA			4.871,00	5.333,46

LASER SYSTEMS BLUE - 473 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

473 nm

RLTMBL-473 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMBL-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMBL-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMBL-473-200-3, 473 nm, 200 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMBL-473-300-3, 473 nm, 300 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMBL-473-500-3, 473 nm, 500 mW, cw, stability <3%, PSU-FDA			5.373,00	5.883,13
RLTMBL-473-800-3, 473 nm, 800 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04
RLTMBL-473-1W-3, 473 nm, 1 W, cw, stability <3%, PSU-FDA			9.874,00	10.811,46
RLTMBL-473-1.5W-3, 473 nm, 1.5 W, cw, stability <3%, PSU-FDA			11.669,00	12.776,88
RLTMBL-473-2W-3, 473 nm, 2 W, cw, stability <3%, PSU-FDA			10.771,00	11.793,63
RLTMBL-473-3W-3, 473 nm, 3 W, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTMBL-473-5W-3, 473 nm, 5 W, cw, stability <3%, PSU-FDA			15.154,00	16.592,76
RLTMML-473 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMML-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-FDA			o.r.	o.r.
RLTMML-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA			o.r.	o.r.
RLTMML-473-300-3, 473 nm, 300 mW, cw, stability <3%, PSU-FDA			o.r.	o.r.
RLTMML-473-500-3, 473 nm, 500 mW, cw, stability <3%, PSU-FDA			o.r.	o.r.

RLTMSL-473 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMSL-473-10-3, 473 nm, 10 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMSL-473-30-3, 473 nm, 30 mW, cw, stability <3%, PSU-FDA			6.219,00	6.809,45
RLTMSL-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMSL-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20

LASER SYSTEMS BLUE - 480 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

480 nm

RLTMBL-480 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMBL-480-10-5, 480 nm, 10 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMBL-480-20-5, 480 nm, 20 mW, cw, stability <5%, PSU-FDA			4.086,00	4.473,93
RLTMBL-480-30-5, 480 nm, 30 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMBL-480-50-5, 480 nm, 50 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMBL-480-100-5, 480 nm, 100 mW, cw, stability <5%, PSU-FDA			7.676,00	8.404,78
RLTMBL-480-150-5, 480 nm, 150 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20

LASER SYSTEMS CYAN - 488 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

488 nm

RLTMDL-488 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-488-30-3, 488 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-488-50-3, 488 nm, 50 mW, cw, stability <3%, PSU-FDA			3.693,00	4.043,62
RLTMDL-488-100-3, 488 nm, 100 mW, cw, stability <3%, PSU-FDA			11.738,00	12.852,43

LASER SYSTEMS CYAN - 491 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

491 nm

RLTMBL-491 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMBL-491-1-10, 491 nm, 1 mW, cw, stability <10%, PSU-FDA			3.343,00	3.660,39
RLTMBL-491-2-10, 491 nm, 2 mW, cw, stability <10%, PSU-FDA			4.086,00	4.473,93

LASER SYSTEMS CYAN - 505 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

505 nm

RLTMDL-505L series DIODE CW NEAR TEM00	Status	MOQ	EUR / pc	USD / pc
RLTMDL-505L-10-2, 505 nm, 10 mW, cw, stability <2%, PSU-FDA			3.343,00	3.660,39
RLTMDL-505L-30-2, 505 nm, 30 mW, cw, stability <2%, PSU-FDA			4.798,00	5.253,53
RLTMDL-505L-50-2, 505 nm, 50 mW, cw, stability <2%, PSU-FDA			12.567,00	13.760,14
RLTMDL-505L-80-2, 505 nm, 80 mW, cw, stability <2%, PSU-FDA			14.312,00	15.670,82

LASER SYSTEMS GREEN - 510/514.5 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

510/514.5 nm

RLTMDL-510 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-510-10-3, 510 nm, 10 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-510-20-3, 510 nm, 20 mW, cw, stability <3%, PSU-FDA			2.050,00	2.244,63
RLTMDL-510-30-3, 510 nm, 30 mW, cw, stability <3%, PSU-FDA			2.171,00	2.377,12
RLTMDL-514 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-514-30-3, 514.5 nm, 30 mW, cw, stability <3%, PSU-FDA			2.050,00	2.244,63
RLTMDL-514-50-3, 514.5 nm, 50 mW, cw, stability <3%, PSU-FDA			2.171,00	2.377,12

LASER SYSTEMS GREEN - 515 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

515 nm

RLTMGL-515 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-515-10-10, 515 nm, 10 mW, cw, stability <10%, PSU-FDA			2.352,00	2.575,30
RLTMGL-515-30-10, 515 nm, 30 mW, cw, stability <10%, PSU-FDA			3.343,00	3.660,39
RLTMGL-515-50-10, 515 nm, 50 mW, cw, stability <10%, PSU-FDA			4.086,00	4.473,93
RLTMGL-515-100-10, 515 nm, 100 mW, cw, stability <10%, PSU-FDA			5.757,00	6.303,58
RLTMGL-515-150-5, 515 nm, 150 mW, cw, stability <5%, PSU-FDA			8.079,00	8.846,04
RLTMGL-515-200-5, 515 nm, 200 mW, cw, stability <5%, PSU-FDA			9.874,00	10.811,46
RLTMGL-515-300-5, 515 nm, 300 mW, cw, stability <5%, PSU-FDA			1.169,00	1.279,99
RLTMGL-515-400-5, 515 nm, 400 mW, cw, stability <5%, PSU-FDA			13.464,00	14.742,31
RLTMGL-515-500-5, 515 nm, 500 mW, cw, stability <5%, PSU-FDA			14.312,00	15.670,82

LASER SYSTEMS GREEN - 520 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

510/514.5 nm

RLTMDL-520 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-520-100-3, 520 nm, 100 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-520-300-3, 520 nm, 300 mW, cw, stability <3%, PSU-FDA			1.320,00	1.445,32
RLTMDL-520-500-3, 520 nm, 500 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-520-1W-3, 520 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39

LASER SYSTEMS GREEN - 522 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

522 nm

RLTMGL-522 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-522-10-5, 522 nm, 10 mW, cw, stability <5%, PSU-FDA			2.823,00	3.091,02
RLTMGL-522-30-5, 522 nm, 30 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMGL-522-50-5, 522 nm, 50 mW, cw, stability <5%, PSU-FDA			4.086,00	4.473,93
RLTMGL-522-80-5, 522 nm, 80 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMGL-522-100-5, 522 nm, 100 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58

LASER SYSTEMS GREEN - 523.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

523.5 nm

RLTMGL-523 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-523-10-5, 523.5 nm, 10 mW, cw, stability <5%, PSU-FDA			1.882,00	2.060,68
RLTMGL-523-30-5, 523.5 nm, 30 mW, cw, stability <5%, PSU-FDA			2.050,00	2.244,63
RLTMGL-523-50-5, 523.5 nm, 50 mW, cw, stability <5%, PSU-FDA			2.352,00	2.575,30
RLTMGL-523-100-5, 523.5 nm, 100 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMGL-523-300-5, 523.5 nm, 300 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMGL-523-500-5, 523.5 nm, 500 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMGL-523-800-5, 523.5 nm, 800 mW, cw, stability <5%, PSU-FDA			7.180,00	7.861,69

LASER SYSTEMS GREEN - 526 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

523.5 nm

RLTMGL-526 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-526-10-5, 526.5 nm, 10 mW, cw, stability <5%, PSU-FDA			1.882,00	2.060,68
RLTMGL-526-30-5, 526.5 nm, 30 mW, cw, stability <5%, PSU-FDA			2.352,00	2.575,30
RLTMGL-526-50-5, 526.5 nm, 50 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMGL-526-100-5, 526.5 nm, 100 mW, cw, stability <5%, PSU-FDA			4.086,00	4.473,93
RLTMGL-526-200-5, 526.5 nm, 200 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMGL-526-300-5, 526.5 nm, 300 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMGL-526-500-5, 526.5 nm, 500 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMGL-526-1W-5, 526.5 nm, 1 W, cw, stability <5%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS GREEN - 532 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

532 nm

RLTMGL-532 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-532-100-3, 532 nm, 100 mW, cw, stability <3%, PSU-LED			2.063,00	2.258,87
RLTMGL-532-200-3, 532 nm, 200 mW, cw, stability <3%, PSU-FDA			2.223,00	2.434,06
RLTMGL-532-300-3, 532 nm, 300 mW, cw, stability <3%, PSU-FDA			2.117,00	2.317,99
RLTMGL-532-500-3, 532 nm, 500 mW, cw, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMGL-532-1W-3, 532 nm, 1 W, cw, stability <3%, PSU-LED			3.343,00	3.660,39
RLTMGL-532-1.5W-3, 532 nm, 1.5 W, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMGL-532-2W-3, 532 nm, 2 W, cw, stability <3%, PSU-LED			4.921,00	5.388,21
RLTMGL-532-2.5W-3, 532 nm, 2.5 W, cw, stability <3%, PSU-FDA			4.304,00	4.712,63
RLTMGL-532-3W-3, 532 nm, 3 W, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMGL-532-3W-5, 532 nm, 3 W, cw, stability <5%, PSU-FDA			4.797,62	5.253,12
RLTMGL-532-4W-5, 532 nm, 4 W, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMGL-532-5W-5, 532 nm, 5 W, cw, stability <5%, PSU-FDA			7.180,00	7.861,69
RLTMGL-532-8W-5, 532 nm, 8 W, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMGL-532-10W-5, 532 nm, 10 W, cw, stability <5%, PSU-FDA			10.771,00	11.793,63
RLTMGL-532-15W-5, 532 nm, 15 W, cw, stability <5%, PSU-FDA			15.154,00	16.592,76
RLTMGL-532-20W-5, 532 nm, 20 W, cw, stability <5%, PSU-FDA			21.890,00	23.968,29

RLTMLL-532 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-532-100-3, 532 nm, 100 mW, cw, stability <3%, noise <1%, PSU-FDA			2.142,00	2.345,37
RLTMLL-532-200-3, 532 nm, 200 mW, cw, stability <3%, noise <1%, PSU-FDA			2.448,00	2.680,42
RLTMLL-532-300-3, 532 nm, 300 mW, cw, stability <3%, noise <1%, PSU-FDA			2.610,00	2.857,80
RLTMLL-532-500-3, 532 nm, 500 mW, cw, stability <3%, noise <1%, PSU-FDA			3.188,00	3.490,68
RLTMLL-532-1W-3, 532 nm, 1 W, cw, stability <3%, noise <1%, PSU-FDA			5.154,00	5.643,33
RLTMLL-532-1.5W-3, 532 nm, 1.5 W, cw, stability <3%, noise <1%, PSU-FDA			4.402,00	4.819,94
RLTMLL-532-2W-3, 532 nm, 2 W, cw, stability <3%, noise <1%, PSU-FDA			4.799,00	5.254,63
RLTMLL-532-2.5W-3, 532 nm, 2.5 W, cw, stability <3%, noise <1%, PSU-FDA			5.278,00	5.779,11
RLTMLL-532-3W-5, 532 nm, 3 W, cw, stability <5%, noise <1%, PSU-FDA			5.999,00	6.568,56
RLTMLL-532-5W-5, 532 nm, 5 W, cw, stability <5%, noise <1%, PSU-FDA			8.978,00	9.830,39
RLTMLL-532-8W-5, 532 nm, 8 W, cw, stability <5%, noise <1%, PSU-FDA			10.773,00	11.795,82
RLTMLL-532-10W-5, 532 nm, 10 W, cw, stability <5%, noise <1%, PSU-FDA			12.927,00	14.154,32
RLTMLL-532-15W-5, 532 nm, 15 W, cw, stability <5%, noise <1%, PSU-FDA			18.186,00	19.912,62
RLTMLL-532-20W-5, 532 nm, 20 W, cw, stability <5%, noise <1%, PSU-FDA			26.268,00	28.761,95
RLTMSL-532 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMSL-532-10-3, 532 nm, 10 mW, cw, stability <3%, noise <0.5%, PSU-FDA			3.912,00	4.283,41
RLTMSL-532-50-3, 532 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA			4.499,00	4.926,15
RLTMSL-532-100-3, 532 nm, 100 mW, cw, stability <3%, noise <0.5%, PSU-FDA			5.373,00	5.883,13
RLTMSL-532-200-3, 532 nm, 200 mW, cw, stability <3%, noise <0.5%, PSU-FDA			6.333,00	6.934,27
RLTMSL-532-300-3, 532 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA			9.874,00	10.811,46
RLTMSL-532-500-3, 532 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA			13.470,00	14.748,87
RLTMSL-532-1W-3, 532 nm, 1000 mW, cw, stability <3%, noise <0.5%, PSU-FDA			15.154,00	16.592,76
RLTMPL-532 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-532-10-3, 532 nm, 10 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA			4.086,00	4.473,93
RLTMPL-532-20-3, 532 nm, 20 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA			4.798,00	5.253,53
RLTMPL-532-50-3, 532 nm, 50 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA			5.757,00	6.303,58
RLTMPL-532-100-3, 532 nm, 100 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA			6.717,00	7.354,73
RLTMPL-532-300-3, 532 nm, 300 mW, avg., pulse length ~5ns, <3%, stability, PSU-FDA			8.079,00	8.846,04
RLTMPL-532-500-3, 532 nm, 500 mW, avg., pulse length ~5ns, <3%, stability, PSU-FDA			8.976,00	9.828,20
RLTMPL-532-1W-3, 532 nm, 1 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA			10.771,00	11.793,63
RLTMPL-532-2W-3, 532 nm, 2 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA			12.567,00	13.760,14
RLTMPL-532-3W-3, 532 nm, 3 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA			15.154,00	16.592,76
RLTMPL-532 series DPSS PASSIVELY Q-SWITCHED SHORT PULSE	Status	MOQ	EUR / pc	USD / pc
RLTMPL-532SP-3UJ-5, 532 nm, 3 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA			8.079,00	8.846,04
RLTMPL-532SP-5UJ-5, 532 nm, 5 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA			8.976,00	9.828,20
RLTMPL-532SP-10UJ-5, 532 nm, 10 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA			11.669,00	12.776,88
RLTMPL-532SP-20UJ-5, 532 nm, 20 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA			13.464,00	14.742,31
RLTMPL-532SP-30UJ-5, 532 nm, 30 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA			14.312,00	15.670,82
RLTAOL-532 series DPSS AOM Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTAOL-532-10-5, 532 nm, 10 mW, @ 1 kHz, 10µJ, 5-10 ns pulse, <5%, stability, PSU-FDA			6.717,00	7.354,73
RLTAOL-532-30-5, 532 nm, 30 mW, @ 1 kHz, 30µJ, 5-10 ns pulse, <5%, stability, PSU-FDA			8.079,00	8.846,04
RLTAOL-532-50-5, 532 nm, 50 mW, @ 1 kHz, 50µJ, 5-10 ns pulse, <5%, stability, PSU-FDA			9.874,00	10.811,46
RLTAOL-532-100-5, 532 nm, 100 mW, @ 10 kHz, 10µJ, 8-15 ns pulse, <5%, stability, PSU-FDA			7.676,00	8.404,78
RLTAOL-532-300-5, 532 nm, 300 mW, @ 10 kHz, 30 µJ, 8-15 ns pulse, <5%, stability, PSU-FDA			8.976,00	9.828,20
RLTAOL-532-500-5, 532 nm, 500 mW, @ 10 kHz, 50 µJ, 8-15 ns pulse, <5%, stability, PSU-FDA			10.771,00	11.793,63
RLTAOL-532-1W-5, 532 nm, 1 W, @ 10 kHz, 100 µJ, 5-30 ns pulse, <5%, stability, PSU-FDA			12.567,00	13.760,14
RLTAOL-532-2W-5, 532 nm, 2 W, @ 10 kHz, 200 µJ, 5-30 ns pulse, <5%, stability, PSU-FDA			14.362,00	15.725,56

LASER SYSTEMS GREEN - 543 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW mode

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

543 nm

RLTMGL-543 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-543-30-3, 543 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMGL-543-50-3, 543 nm, 50 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMGL-543-100-3, 543 nm, 100 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMGL-543-200-3, 543 nm, 200 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMGL-543-500-3, 543 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04
RLTMGL-543-1W-3, 543 nm, 1 W, cw, stability <3%, PSU-FDA			9.874,00	10.811,46
RLTMGL-543-1.5W-3, 543 nm, 1.5 W, cw, stability <3%, PSU-FDA			11.669,00	12.776,88

LASER SYSTEMS GREEN - 556 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

556 nm

RLTMGL-556 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-556-30-3, 556 nm, 30 mW, cw, stability <3%, PSU-FDA			3.086,00	3.378,99
RLTMGL-556-50-3, 556 nm, 50 mW, cw, stability <3%, PSU-FDA			3.457,00	3.785,22
RLTMGL-556-100-3, 556 nm, 100 mW, cw, stability <3%, PSU-FDA			5.167,00	5.657,57
RLTMGL-556-200-3, 556 nm, 200 mW, cw, stability <3%, PSU-FDA			6.643,00	7.273,70
RLTMGL-556-500-10, 556 nm, 500 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTMGL-556-1W-10, 556 nm, 1 W, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTMGL-556-2W-10, 556 nm, 2 W, cw, stability <3%, PSU-FDA			15.154,00	16.592,76
RLTMGL-556-2.5W-10, 556 nm, 2.5 W, cw, stability <3%, PSU-FDA			18.522,00	20.280,52

LASER SYSTEMS GREEN - 561 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

561 nm

RLTMGL-561 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-561-30-3, 561 nm, 30 mW, cw, stability <3%, PSU-FDA			2.352,38	2.575,72
RLTMGL-561-50-3, 561 nm, 50 mW, cw, stability <3%, PSU-FDA			2.674,00	2.927,88
RLTMGL-561-100-3, 561 nm, 100 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMGL-561-200-3, 561 nm, 200 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMGL-561-300-3, 561 nm, 300 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMGL-561-500-3, 561 nm, 500 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTMGL-561-1W-3, 561 nm, 1 W, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTMGL-561-2W-3, 561 nm, 2 W, cw, stability <3%, PSU-FDA			18.522,00	20.280,52

RLTMLL-561 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-561-30-3, 561 nm, 30 mW, cw, stability <3%, noise <1%, PSU-FDA			2.897,00	3.172,05
RLTMLL-561-50-3, 561 nm, 50 mW, cw, stability <3%, noise <1%, PSU-FDA			3.477,00	3.807,11
RLTMLL-561-100-3, 561 nm, 100 mW, cw, stability <3%, noise <1%, PSU-FDA			3.984,00	4.362,25
RLTMLL-561-200-3, 561 nm, 200 mW, cw, stability <3%, noise <1%, PSU-FDA			6.237,00	6.829,16

LASER SYSTEMS YELLOW - 589/593.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

589/593.5 nm

RLTMGL-589 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-589-10-5, 589 nm, 10 mW, cw, stability <5%, PSU-FDA			3.086,00	3.378,99
RLTMGL-589-30-5, 589 nm, 30 mW, cw, stability <5%, PSU-FDA			3.452,00	3.779,74
RLTMGL-589-50-5, 589 nm, 50 mW, cw, stability <5%, PSU-FDA			3.929,00	4.302,03
RLTMGL-589-100-5, 589 nm, 100 mW, cw, stability <5%, PSU-FDA			5.167,00	5.657,57
RLTMGL-589-200-5, 589 nm, 200 mW, cw, stability <5%, PSU-FDA			5.905,00	6.465,64
RLTMGL-589-300-5, 589 nm, 300 mW, cw, stability <5%, PSU-FDA			7.381,00	8.081,77
RLTMGL-589-400-5, 589 nm, 400 mW, cw, stability <5%, PSU-FDA			7.676,00	8.404,78
RLTMGL-589-500-5, 589 nm, 500 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMGL-589-1W-5, 589 nm, 1 W, cw, stability <5%, PSU-FDA			12.567,00	13.760,14
RLTMGL-589-2W-5, 589 nm, 2 W, cw, stability <5%, PSU-FDA			14.362,00	15.725,56
RLTMGL-589-3W-5, 589 nm, 3 W, cw, stability <5%, PSU-FDA			15.154,00	16.592,76
RLTMGL-589-4.5W-5, 589 nm, 4.5 W, cw, stability <5%, PSU-FDA			18.522,00	20.280,52

RLTMGL-593 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMGL-593-10-5, 593.5 nm, 10 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMGL-593-30-5, 593.5 nm, 30 mW, cw, stability <5%, PSU-FDA			4.086,00	4.473,93
RLTMGL-593-50-5, 593.5 nm, 50 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMGL-593-100-5, 593.5 nm, 100 mW, cw, stability <5%, PSU-FDA			6.717,00	7.354,73
RLTMGL-593-200-5, 593.5 nm, 200 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMGL-593-500-5, 593.5 nm, 500 mW, cw, stability <5%, PSU-FDA			12.567,00	13.760,14
RLTMGL-593-800-5, 593.5 nm, 800 mW, cw, stability <5%, PSU-FDA			15.154,00	16.592,76

LASER SYSTEMS ORANGE - 604 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

604 nm

RLTMRL-604 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-604-10-5, 604 nm, 10 mW, cw, stability <5%, PSU-FDA			4.304,00	4.712,63
RLTMRL-604-30-5, 604 nm, 30 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMRL-604-50-5, 604 nm, 50 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMRL-604-100-5, 604 nm, 100 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20

LASER SYSTEMS ORANGE - 607 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

607 nm

RLTMRL-607 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-607-30-5, 607 nm, 30 mW, cw, stability <5%, PSU-FDA			4.304,00	4.712,63
RLTMRL-607-50-5, 607 nm, 50 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMRL-607-100-5, 607 nm, 100 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMRL-607-200-5, 607 nm, 200 mW, cw, stability <5%, PSU-FDA			6.717,00	7.354,73
RLTMRL-607-300-5, 607 nm, 300 mW, cw, stability <5%, PSU-FDA			8.079,00	8.846,04
RLTMRL-607-500-5, 607 nm, 500 mW, cw, stability <5%, PSU-FDA			11.669,00	12.776,88

LASER SYSTEMS RED - 633/635/637 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

633/635/637 nm

RLTMDL-633 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-633-100-3, 633 nm, 100 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-633-200-3, 633 nm, 200 mW, cw, MM, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-633-300-3, 633 nm, 300 mW, cw, MM, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-633-500-3, 633 nm, 500 mW, cw, MM, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-635 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-635-300-3, 635 nm, 300 mW, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-635-500-3, 635 nm, 500 mW, cw, stability <3%, PSU-FDA			o.r.	o.r.
RLTMDL-635-1W-3, 635 nm, 1 W, cw, stability <3%, PSU-FDA			2.956,00	3.236,65
RLTMDL-635R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-635R-50-3, 635 nm, 50 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-635R-100-3, 635 nm, 100 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-635R-150-3, 635 nm, 150 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-637 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-637-100-3, 637 nm, 100 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-637-200-3, 637 nm, 200 mW, cw, stability <3%, PSU-FDA			1.719,00	1.882,21

LASER SYSTEMS RED - 639 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

639 nm

RLTMRL-639 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-639-50-3, 639 nm, 50 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMRL-639-100-3, 639 nm, 100 mW, cw, stability <3%, PSU-FDA			3.798,00	4.158,59
RLTMRL-639-300-3, 639 nm, 300 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMRL-639-500-3, 639 nm, 500 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMRL-639-1W-3, 639 nm, 1 W, cw, stability <3%, PSU-FDA			8.976,00	9.828,20

LASER SYSTEMS RED - 640 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

640 nm

RLTMRL-640 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-640-100-3, 640 nm, 100 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMRL-640-200-3, 640 nm, 200 mW, cw, stability <3%, PSU-FDA			1.719,00	1.882,21

LASER SYSTEMS RED - 655 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

655 nm

RLTMDL-655 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-655-100-3, 655 nm, 100 mW, cw, stability <3%, PSU-FDA			838,00	917,56
RLTMDL-655-500-3, 655 nm, 500 mW, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-655-1W-3, 655 nm, 1 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-655R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-655R-50-3, 655 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-655R-100-3, 655 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-655R-200-3, 655 nm, 200 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS RED - 656.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

656.5 nm

RLTMRL-656 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-656-10-5, 656.5 nm, 10 mW, cw, stability <5%, PSU-FDA			2.823,00	3.091,02
RLTMRL-656-30-5, 656.5 nm, 30 mW, cw, stability <5%, PSU-FDA			3.152,00	3.451,26
RLTMRL-656-50-5, 656.5 nm, 50 mW, cw, stability <5%, PSU-FDA			3.677,00	4.026,10
RLTMRL-656-100-5, 660 nm, 200 mW, cw, stability <5%, PSU-FDA			4.499,00	4.926,15
RLTMRL-656-200-5, 656 nm, 200 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMRL-656-500-5, 660 nm, 500 mW, cw, stability <5%, PSU-FDA			6.717,00	7.354,73
RLTMRL-656-1W-5, 660 nm, 1 W, cw, stability <5%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS RED - 660 nm DIODE



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

660 nm

RLTMDL-660 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-660-100-3, 660 nm, 100 mW, cw, stability <3%, PSU-FDA			838,00	917,56
RLTMDL-660-500-3, 660 nm, 500 mW, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-660-1W-3, 660 nm, 1 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-660R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-660R-50-3, 660 nm, 50 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-660R-100-3, 660 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-660R-200-3, 660 nm, 200 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS RED - 660 nm DPSS



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

660 nm

RLTMRL-660 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-660-30-5, 660 nm, 30 mW, cw, stability <5%, PSU-FDA			2.352,00	2.575,30
RLTMRL-660-50-5, 660 nm, 50 mW, cw, stability <5%, PSU-FDA			2.891,00	3.165,48
RLTMRL-660-100-5, 660 nm, 100 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMRL-660-200-5, 660 nm, 200 mW, cw, stability <5%, PSU-FDA			4.086,00	4.473,93
RLTMRL-660-300-5, 660 nm, 300 mW, cw, stability <5%, PSU-FDA			4.499,00	4.926,15
RLTMRL-660-500-5, 660 nm, 500 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMRL-660-1W-5, 660 nm, 1 W, cw, stability <5%, PSU-FDA			8.079,00	8.846,04
RLTMRL-660-2W-5, 660 nm, 2 W, cw, stability <5%, PSU-FDA			12.567,00	13.760,14

LASER SYSTEMS RED - 671 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

671 nm

RLTMRL-671 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-671-50-3, 671 nm, 50 mW, cw, stability <3%, PSU-FDA			1.647,00	1.803,37
RLTMRL-671-100-3, 671 nm, 100 mW, cw, stability <3%, PSU-FDA			1.725,00	1.888,78
RLTMRL-671-200-3, 671 nm, 200 mW, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMRL-671-500-3, 671 nm, 500 mW, cw, stability <3%, PSU-FDA			2.675,00	2.928,97
RLTMRL-671-1W-3, 671 nm, 1 W, cw, stability <3%, PSU-FDA			3.912,00	4.283,41
RLTMRL-671-2W-5, 671 nm, 2 W, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMRL-671-3W-5, 671 nm, 3 W, cw, stability <5%, PSU-FDA			9.874,00	10.811,46
RLTMRL-671-4W-5, 671 nm, 4 W, cw, stability <5%, PSU-FDA			14.362,00	15.725,56
RLTMRL-671-5W-5, 671 nm, 5 W, cw, stability <5%, PSU-FDA			18.522,00	20.280,52
RLTMRL-671 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMRL-671-100-3, 671 nm, 100 mW, cw, stability <3%, PSU-FDA			2.305,00	2.523,84
RLTMRL-671-200-3, 671 nm, 200 mW, cw, stability <3%, PSU-FDA			2.635,00	2.885,17
RLTMRL-671-500-3, 671 nm, 500 mW, cw, stability <3%, PSU-FDA			3.432,00	3.757,84
RLTMRL-671-1W-3, 671 nm, 1 W, cw, stability <3%, PSU-FDA			4.990,00	5.463,76
RLTMRL-671-2W-5, 671 nm, 2 W, cw, stability <5%, PSU-FDA			7.484,00	8.194,55
RLTMRL-671-3W-5, 671 nm, 3 W, cw, stability <5%, PSU-FDA			12.836,00	14.054,68
RLTMRL-671-4W-5, 671 nm, 4 W, cw, stability <5%, PSU-FDA			17.512,00	19.174,63
RLTMRL-671-5W-5, 671 nm, 5 W, cw, stability <5%, PSU-FDA			24.079,00	26.365,12
RLTMSL-671 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMSL-671-30-3, 671 nm, 30 mW, cw, stability <3%, noise <0.5%, PSU-FDA			3.677,00	4.026,10
RLTMSL-671-50-3, 671 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA			3.677,00	4.026,10
#N/A	#N/A	#N/A	#N/A	#N/A
RLTMSL-671-300-3, 671 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA			7.676,00	8.404,78
RLTMSL-671-500-3, 671 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA			13.464,00	14.742,31

LASER SYSTEMS RED - 680 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

680 nm

RLTMDL-680 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-680-300-2, 680 nm, 300 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-680-500-2, 680 nm, 500 mW, cw, stability <2%, PSU-FDA			2.743,00	3.003,43
RLTMDL-680-800-2, 680 nm, 800 mW, cw, stability <2%, PSU-FDA			3.343,00	3.660,39
RLTMDL-680R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-680R-50-2, 680 nm, 50 mW, cw, stability <2%, PSU-FDA			3.171,00	3.472,06
RLTMDL-680R-100-2, 680 nm, 100 mW, cw, stability <2%, PSU-FDA			3.600,00	3.941,79
RLTMDL-680R-200-2, 680 nm, 200 mW, cw, stability <2%, PSU-FDA			4.086,00	4.473,93

LASER SYSTEMS RED - 685 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

685 nm

RLTMDL-685 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-685-10-3, 685 nm, 10 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-685-20-3, 685 nm, 20 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 705 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

705 nm

RLTMDL-705 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-705-10-3, 705 nm, 10 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-705-20-3, 705 nm, 20 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-705-25-3, 705 nm, 25 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS IR - 721 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

721 nm

RLTMRL-721 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMRL-721-30-5, 721 nm, 30 mW, cw, stability <5%, PSU-FDA			3.677,00	4.026,10
RLTMRL-721-50-5, 721 nm, 50 mW, cw, stability <5%, PSU-FDA			3.921,00	4.293,27
RLTMRL-721-100-5, 721 nm, 100 mW, cw, stability <5%, PSU-FDA			4.304,00	4.712,63
RLTMRL-721-300-5, 721 nm, 300 mW, cw, stability <5%, PSU-FDA			6.717,00	7.354,73
RLTMRL-721-500-5, 721 nm, 500 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMRL-721-800-5, 721 nm, 800 mW, cw, stability <5%, PSU-FDA			14.362,00	15.725,56

LASER SYSTEMS IR - 730 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

730 nm

RLTMDL-730 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-730-10-3, 730 nm, 10 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-730-20-3, 730 nm, 20 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-730-30-3, 730 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS IR - 750 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

750 nm

RLTMDL-750 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-750-100-3, 750 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-750-300-3, 750 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-750-500-3, 750 nm, 500 mW, cw, stability <3%, PSU-FDA			3.171,00	3.472,06
RLTMDL-750-1W-3, 750 nm, 1 W, cw, stability <3%, PSU-FDA			3.600,00	3.941,79
RLTMDL-750-2W-3, 750 nm, 2 W, cw, stability <3%, PSU-FDA			3.693,00	4.043,62

LASER SYSTEMS IR - 785 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

785 nm

RLTMDL-785 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-785-500-3, 785 nm, 500 mW, cw, stability <3%, PSU-FDA			1.719,00	1.882,21
RLTMDL-785-1W-3, 785 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-785-2W-3, 785 nm, 2 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-785-2.5W-3, 785 nm, 2.5 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-785R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-785R-100-3, 785 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-785R-200-3, 785 nm, 200 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-785R-300-3, 785 nm, 300 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMDL-785L series DIODE CW NEAR TEM00	Status	MOQ	EUR / pc	USD / pc
RLTMDL-785L-300-3, 785±0.3 nm, 300 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-785L-400-3, 785±0.3 nm, 400 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-785L-600-3, 785±0.3 nm, 600 mW, cw, stability <3%, PSU-FDA			3.171,00	3.472,06

LASER SYSTEMS IR - 785 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | **Options:** modulation, red pilot laser, remote control

785 nm

RLTMFC-785 series DIODE CW FIBER COUPLED	Status	MOQ	EUR / pc	USD / pc
RLTMFC-785-500-3, 785 nm, 500 mW, cw, stability <3%, laser unit 243x249x127 mm			3.086,00	3.378,99
RLTMFC-785-1W-3, 785 nm, 1 W, cw, stability <3%, laser unit 243x249x127 mm			3.257,00	3.566,23
RLTMFC-785-2W-3, 785 nm, 2 W, cw, stability <3%, laser unit 243x249x127 mm			3.457,00	3.785,22

LASER SYSTEMS IR - 785 nm RAMAN



Spectrum Stabilized Fiber Coupled Diode Laser Systems for Raman Application

- | 90-240 VAC adapter included
- | CW operation
- | Options: modulation

785 nm

RLTMFC-785D series DIODE CW FIBER COUPLED	Status	MOQ	EUR / pc	USD / pc
RLTMFC-785D-200-3, 785±0.3 nm, 200 mW, cw, stability <3%, fiber coupled			2.914,00	3.190,66
RLTMFC-785D-300-3, 785±0.3 nm, 300 mW, cw, stability <3%, fiber coupled			3.343,00	3.660,39
RLTMFC-785D-450-3, 785±0.3 nm, 450 mW, cw, stability <3%, fiber coupled			3.693,00	4.043,62

LASER SYSTEMS IR - 793 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

793 nm

RLTMDL-793 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-793-500-3, 793 nm, 500 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-793-1W-3, 793 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-793-2.5W-3, 793 nm, 2.5 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-793-3W-3, 793 nm, 3 W, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMDL-793-4W-3, 793 nm, 4 W, cw, stability <3%, PSU-FDA			4.798,00	5.253,53

LASER SYSTEMS IR - 800 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, single longitudinal mode, remote control

800 nm

RLTMDL-800 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-800-1W-3, 800 nm, 1 W, cw, stability <3%, PSU-FDA			1.719,00	1.882,21
RLTMDL-800-2W-3, 800 nm, 2 W, cw, stability <3%, PSU-FDA			2.171,00	2.377,12
RLTMDL-800-2.5W-3, 800 nm, 2.5 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-800R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-800R-100-3, 800 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-800R-300-3, 800 nm, 300 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-800R-500-3, 800 nm, 500 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39

LASER SYSTEMS IR - 808 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

808 nm

RLTMDL-808 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-808-1W-3, 808 nm, 1 W, cw, stability <3%, PSU-FDA			1.048,00	1.147,50
RLTMDL-808-2W-3, 808 nm, 2 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-808-5W-3, 808 nm, 5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-808-8W-3, 808 nm, 8 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-808-10W-3, 808 nm, 10 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-808R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-808R-100-3, 808 nm, 100 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-808R-300-3, 808 nm, 300 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-808R-500-3, 808 nm, 500 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 808 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | Options: modulation, red pilot laser, remote control

808 nm

RLTMFC-808 series DIODE CW FIBER COUPLED	Status	MOQ	EUR / pc	USD / pc
RLTMFC-808-20W-1, 808 nm, 20 W, cw, stability <1%, laser unit 314x290x134 mm			4.086,00	4.473,93
RLTMFC-808-30W-1, 808 nm, 30 W, cw, stability <1%, laser unit 326x292x156 mm			4.724,00	5.172,51
RLTMFC-808-40W-1, 808 nm, 40 W, cw, stability <1%, laser unit 314x290x134 mm			6.200,00	6.788,64
RLTMFC-808-50W-1, 808 nm, 50 W, cw, stability <1%, laser unit 288x264x148 mm			5.314,00	5.818,52

LASER SYSTEMS IR - 825 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

825 nm

RLTMDL-825 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-825-500-3, 825 nm, 500 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-825-1W-3, 825 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-825-2W-3, 825 nm, 2 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 830 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

830 nm

RLTMDL-830 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-830-500-3, 830 nm, 500 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-830-1W-3, 830 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-830-2W-3, 830 nm, 2 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-830R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-830R-100-3, 830 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-830R-300-3, 830 nm, 300 mW, cw, stability <3%, PSU-FDA			3.171,00	3.472,06
RLTMDL-830R-500-3, 830 nm, 500 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93

LASER SYSTEMS IR - 845 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

845 nm

RLTMDL-845 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-845-20-3, 845 nm, 20 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-845-40-3, 845 nm, 40 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48

LASER SYSTEMS IR - 852 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

852 nm

RLTMDL-852 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-852-1W-3, 852 nm, 1 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-852-1.5W-3, 852 nm, 1.5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39

LASER SYSTEMS IR - 879/880 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

879/880 nm

RLTMDL-879 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-879-1W-3, 879 nm, 1 W, cw, square beam, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-879-2W-3, 879 nm, 2 W, cw, square beam, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-879-2.5W-3, 879 nm, 2.5 W, cw, square beam, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-880 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-880-1W-3, 880 nm, 1 W, cw, square beam, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-880-2W-3, 880 nm, 2 W, cw, square beam, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-880-2.5W-3, 880 nm, 2.5 W, cw, square beam, stability <3%, PSU-FDA			2.352,00	2.575,30

LASER SYSTEMS IR - 885 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

885 nm

RLTMDL-885 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-885-500-3, 885 nm, 500 mW, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-885-1W-3, 885 nm, 1 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-885-1.5W-3, 885 nm, 1.5 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30

LASER SYSTEMS IR - 905 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

905 nm

RLTMDL-905L series DIODE CW TEM00	Status	MOQ	EUR / pc	USD / pc
RLTMDL-905L-30-2, 905 nm, 30 mW, cw, stability <2%, PSU-FDA			1.900,00	2.080,39
RLTMDL-905L-50-2, 905 nm, 50 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-905L-70-2, 905 nm, 70 mW, cw, stability <2%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 914 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

914 nm

RLTMIL-914 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-914-100-5, 914 nm, 100 mW, cw, stability <5%, PSU-FDA			1.882,00	2.060,68
RLTMIL-914-200-5, 914 nm, 200 mW, cw, stability <5%, PSU-FDA			2.352,00	2.575,30
RLTMIL-914-400-5, 914 nm, 400 mW, cw, stability <5%, PSU-FDA			2.823,00	3.091,02

LASER SYSTEMS IR - 915 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

915 nm

RLTMDL-915 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-915-100-3, 915 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-915-300-3, 915 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-915-500-3, 915 nm, 500 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-915-1W-3, 915 nm, 1 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-915-2W-3, 915 nm, 2 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-915-5W-3, 915 nm, 5 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-915-8W-3, 915 nm, 8 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 940 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

940 nm

RLTMDL-940 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-940-100-3, 940 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-940-300-3, 940 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-940-500-3, 940 nm, 500 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-940-1W-3, 940 nm, 1 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-940-2W-3, 940 nm, 2 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-940-5W-3, 940 nm, 5 W, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-940-8W-3, 940 nm, 8 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 946 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

946 nm

RLTMIL-946 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-946-50-3, 946 nm, 50 mW, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMIL-946-100-3, 946 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMIL-946-200-3, 946 nm, 200 mW, cw, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMIL-946-500-3, 946 nm, 500 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-946-800-3, 946 nm, 800 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53

LASER SYSTEMS IR - 968 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

968 nm

RLTMDL-968 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-968-200-2, 968 nm, 200 mW, cw, stability <2%, PSU-FDA			1.882,00	2.060,68
RLTMDL-968-500-2, 968 nm, 500 mW, cw, stability <2%, PSU-FDA			1.238,00	1.355,54
RLTMDL-968-800-2, 968 nm, 800 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-968-1W-2, 968 nm, 1 W, cw, stability <2%, PSU-FDA			1.900,00	2.080,39

LASER SYSTEMS IR - 975 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

975 nm

RLTMDL-975 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-975-500-3, 975±5 nm, 500 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-975-1W-3, 975±5 nm, 1 W, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-975-3W-3, 975±5 nm, 3 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-975-5W-3, 975±5 nm, 5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-975-10W-3, 975±5 nm, 10 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-975R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-975R-100-3, 975±5 nm, 100 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-975R-300-3, 975±5 nm, 300 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-975R-500-3, 975±5 nm, 500 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 980 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

980 nm

RLTMDL-980 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-980-500-3, 980±10 nm, 500 mW, cw, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-980-1W-3, 980±10 nm, 1 W, cw, stability <3%, PSU-FDA			1.312,00	1.436,56
RLTMDL-980-2W-3, 980 nm, 2 W, cw stab. <3%, PSU-FDA			1.388,00	1.519,78
RLTMDL-980-3W-3, 980±10 nm, 3 W, cw, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-980-5W-3, 980±10 nm, 5 W, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-980-10W-3, 980±10 nm, 10 W, cw, stability <3%, PSU-FDA			2.743,00	3.003,43
RLTMDL-980R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-980R-100-3, 980±10 nm, 100 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-980R-300-3, 980±10 nm, 300 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMDL-980R-500-3, 980±10 nm, 500 mW, cw, stability <3%, PSU-FDA			2.743,00	3.003,43

LASER SYSTEMS IR - 980 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | **Options:** modulation, red pilot laser, remote control

980 nm

RLTMFC-980 series DIODE CW FIBER COUPLED	Status	MOQ	EUR / pc	USD / pc
RLTMFC-980-1W-1, 980 nm, 1 W, cw, stability <1%, laser unit 243x249x127 mm			3.171,00	3.472,06
RLTMFC-980-2W-1, 980 nm, 2 W, cw, stability <1%, laser unit 330x291x156 mm			3.257,00	3.566,23
RLTMFC-980-4W-1, 980 nm, 4 W, cw, stability <1%, laser unit 243x249x127 mm			3.771,00	4.129,03
RLTMFC-980-8W-1, 980 nm, 8 W, cw, stability <1%, laser unit 243x249x127 mm			4.798,00	5.253,53
RLTMFC-980-25W-1, 980 nm, 25 W, cw, stability <1%, laser unit 314x290x134 mm			4.952,00	5.422,16
RLTMFC-980-30W-1, 980 nm, 30 W, cw, stability <1%, laser unit 314x290x134 mm			5.019,00	5.495,52
RLTMFC-980-50W-1, 980 nm, 50 W, cw, stability <1%, laser unit 314x290x134 mm			7.086,00	7.758,76

LASER SYSTEMS IR - 1030 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1030 nm

RLTMIL-1030 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1030-30-3, 1030 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1030-50-3, 1030 nm, 50 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1030-80-3, 1030 nm, 80 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93

LASER SYSTEMS IR - 1040 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, remote control

1040 nm

RLTMIL-1040 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1040-30-3, 1040 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1040-50-3, 1040 nm, 50 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1040-80-3, 1040 nm, 80 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1040-100-3, 1040 nm, 100 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53

LASER SYSTEMS IR - 1047 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1047 nm

RLTMIL-1047 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1047-50-3, 1047 nm, 50 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMIL-1047-100-3, 1047 nm, 100 mW, cw, stability <3%, PSU-FDA			2.614,00	2.862,18
RLTMIL-1047-300-3, 1047 nm, 300 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1047-500-3, 1047 nm, 500 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1047-800-3, 1047 nm, 800 mW, cw, stability <3%, PSU-FDA			4.304,00	4.712,63
RLTMIL-1047-1W-3, 1047 nm, 1 W, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMIL-1053 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1053-100-3, 1053 nm, 100 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMIL-1053-300-3, 1053 nm, 300 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1053-500-3, 1053 nm, 500 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1053-1W-3, 1053 nm, 1000 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMPL-1053 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-1053-10-3, 1053 nm, 10 µJ, pulse length ~10ns, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMPL-1053-20-3, 1053 nm, 20 µJ, pulse length ~10ns, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMPL-1053-30-3, 1053 nm, 30 µJ, pulse length ~10ns, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMPL-1053-50-3, 1053 nm, 50 µJ, pulse length ~10ns, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1060 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

1060 nm

RLTMDL-1060 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1060-100-5, 1060 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-1060-200-5, 1060 nm, 200 mW, cw, near TEM00, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-1060-300-5, 1060 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1060-500-5, 1060 nm, 500 mW, cw, square beam, stability <3%, PSU-FDA			1.238,00	1.355,54
RLTMDL-1060-1W-5, 1060 nm, 1 W, cw, square beam, stability <3%, PSU-FDA			1.448,00	1.585,48
RLTMDL-1060-2W-5, 1060 nm, 2 W, cw, square beam, stability <3%, PSU-FDA			1.900,00	2.080,39

LASER SYSTEMS IR - 1064 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1064 nm

RLTMIL-1064 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, PSU-FDA			1.411,00	1.544,96
RLTMIL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, PSU-FDA			1.411,00	1.544,96
RLTMIL-1064-800-3, 1064 nm, 800 mW, cw, stability <3%, PSU-FDA			1.647,00	1.803,37
RLTMIL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMIL-1064-2W-3, 1064 nm, 2 W, cw, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMIL-1064-3W-3, 1064 nm, 3 W, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1064-5W-5, 1064 nm, 5 W, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMIL-1064-8W-5, 1064 nm, 8 W, cw, stability <5%, PSU-FDA			7.676,00	8.404,78
RLTMIL-1064-10W-5, 1064 nm, 10 W, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1064-15W-5, 1064 nm, 15 W, cw, stability <5%, PSU-FDA			12.567,00	13.760,14
RLTMIL-1064-20W-5, 1064 nm, 20 W, cw, stability <5%, PSU-FDA			18.522,00	20.280,52
RLTMLL-1064 series DPSS CW LOW NOISE	Status	MOQ	EUR / pc	USD / pc
RLTMLL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, PSU-FDA			1.529,00	1.674,17
RLTMLL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, PSU-FDA			1.835,00	2.009,22
RLTMLL-1064-800-3, 1064 nm, 800 mW, cw, stability <3%, PSU-FDA			2.141,00	2.344,27
RLTMLL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, PSU-FDA			2.447,00	2.679,32
RLTMLL-1064-2W-3, 1064 nm, 2 W, cw, stability <3%, PSU-FDA			3.477,00	3.807,11
RLTMLL-1064-3W-3, 1064 nm, 3 W, cw, stability <3%, PSU-FDA			3.984,00	4.362,25
RLTMSL-1064 series DPSS CW LOW NOISE SINGLE LONGITUDINAL MODE	Status	MOQ	EUR / pc	USD / pc
RLTMSL-1064-50-3, 1064 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA			2.674,00	2.927,88
RLTMSL-1064-100-3, 1064 nm, 100 mW, cw, stability <3%, noise <0.5%, PSU-FDA			3.343,00	3.660,39
RLTMSL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA			5.757,00	6.303,58
RLTMSL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA			7.181,00	7.862,78
RLTMSL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, noise <1%, PSU-FDA			11.669,00	12.776,88
RLTMSL-1064-2W-5, 1064 nm, 2 W, cw, stability <5%, noise <0.5%, PSU-FDA			16.838,00	18.436,64
RLTMSL-1064-5W-5, 1064 nm, 5 W, cw, stability <5%, noise <0.5%, PSU-FDA			20.206,00	22.124,41
RLTMSL-1064-8W-5, 1064 nm, 8 W, cw, stability <5%, noise <0.5%, PSU-FDA			25.257,00	27.654,96
RLTMSL-1064-10W-5, 1064 nm, 10 W, cw, stability <5%, noise <0.5%, PSU-FDA			28.625,00	31.342,73
RLTMPL-1064 series DPSS PASSIVELY Q-SWITCHED	Status	MOQ	EUR / pc	USD / pc
RLTMPL-1064-100-3, 1064 nm, 10-20 µJ, 100 mW, pulse length ~1.3ns, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMPL-1064-300-3, 1064 nm, 10-20 µJ, 300 mW, pulse length ~1.3ns, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMPL-1064-500-3, 1064 nm, 10-20 µJ, 500 mW, pulse length ~3-5ns, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMPL-1064-1W-3, 1064 nm, 20-100 µJ, 1 W, pulse length ~10ns, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMPL-1064-2W-5, 1064 nm, 150-250 µJ, 2 W, pulse length ~2ns, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMPL-1064-3W-5, 1064 nm, 150-250 µJ, 3 W, pulse length ~2ns, stability <5%, PSU-FDA			6.717,00	7.354,73

LASER SYSTEMS IR - 1085 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, remote control

1085 nm

RLTMIL-1085U series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1085U-100-5, 1085 nm, 100 mW, cw, stability <5%, PSU-FDA			2.352,00	2.575,30
RLTMIL-1085U-200-5, 1085 nm, 200 mW, cw, stability <5%, PSU-FDA			2.544,00	2.785,53
RLTMIL-1085U-300-5, 1085 nm, 300 mW, cw, stability <5%, PSU-FDA			2.823,00	3.091,02
RLTMIL-1085U-500-5, 1085 nm, 500 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1085U-1W-5, 1085 nm, 1 W, cw, stability <5%, PSU-FDA			5.373,00	5.883,13

LASER SYSTEMS IR - 1112 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1112 nm

RLTMIL-1112 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1112-30-3, 1112 nm, 30 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1112-50-3, 1112 nm, 50 mW, cw, stability <3%, PSU-FDA			3.550,00	3.887,05
RLTMIL-1112-100-3, 1112 nm, 100 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1112-300-3, 1112 nm, 300 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMIL-1112-500-3, 1112 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1122 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1122 nm

RLTMIL-1122 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1122-50-3, 1122 nm, 50 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1122-100-3, 1122 nm, 100 mW, cw, stability <3%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1122-200-3, 1122 nm, 200 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1122-500-3, 1122 nm, 500 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMIL-1122-800-3, 1122 nm, 800 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMIL-1122-1W-3, 1122 nm, 1 W, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1177 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, remote control

1177 nm

RLTMIL-1177 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1177-30-5, 1177 nm, 30 mW, cw, stability <5%, PSU-FDA			3.677,00	4.026,10
RLTMIL-1177-50-5, 1177 nm, 50 mW, cw, stability <5%, PSU-FDA			3.821,00	4.183,78
RLTMIL-1177-100-5, 1177 nm, 100 mW, cw, stability <5%, PSU-FDA			4.499,00	4.926,15
RLTMIL-1177-150-5, 1177 nm, 150 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53

LASER SYSTEMS IR - 1310 nm



Diode Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1310 nm

RLTMDL-1310 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1310-10-3, 1310 nm, 10 mW, cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1310-20-3, 1310 nm, 20 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30

LASER SYSTEMS IR - 1313 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1313 nm

RLTMIL-1313 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1313-100-3, 1313 nm, 100 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1313-300-3, 1313 nm, 300 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1313-500-3, 1313 nm, 500 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMIL-1313-1W-3, 1313 nm, 1 W, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1319 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1319 nm

RLTMIL-1319 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1319-50-3, 1319 nm, 50 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMIL-1319-100-3, 1319 nm, 100 mW, cw, stability <3%, PSU-FDA			2.819,00	3.086,64
RLTMIL-1319-300-3, 1319 nm, 300 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1319-500-3, 1319 nm, 500 mW, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1319-800-3, 1319 nm, 800 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMIL-1319-1W-3, 1319 nm, 1 W, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMIL-1319-1.5W-3, 1319 nm, 1.5 W, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1342 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1342 nm

RLTMIL-1342 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1342-100-3, 1342 nm, 100 mW, cw, stability <3%, PSU-FDA			1.882,00	2.060,68
RLTMIL-1342-300-3, 1342 nm, 300 mW, cw, stability <3%, PSU-FDA			2.352,00	2.575,30
RLTMIL-1342-500-3, 1342 nm, 500 mW, cw, stability <3%, PSU-FDA			2.823,00	3.091,02
RLTMIL-1342-800-3, 1342 nm, 800 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1342-1W-3, 1342 nm, 1 W, cw, stability <3%, PSU-FDA			4.086,00	4.473,93
RLTMIL-1342-2W-3, 1342 nm, 2 W, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMIL-1342-3W-3, 1342 nm, 3 W, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1342-5W-3, 1342 nm, 5 W, cw, stability <3%, PSU-FDA			14.362,00	15.725,56
RLTMIL-1342-6W-3, 1342 nm, 6 W, cw, stability <3%, PSU-FDA			16.838,00	18.436,64

LASER SYSTEMS IR - 1413 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, remote control

1413 nm

RLTMIL-1413 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1413-50-5, 1413 nm, 50 mW, cw, stability <5%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1413-100-5, 1413 nm, 100 mW, cw, stability <5%, PSU-FDA			4.798,00	5.253,53
RLTMIL-1413-200-5, 1413 nm, 200 mW, cw, stability <5%, PSU-FDA			5.757,00	6.303,58
RLTMIL-1413-300-5, 1413 nm, 300 mW, cw, stability <5%, PSU-FDA			7.676,00	8.404,78

LASER SYSTEMS IR - 1444 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1444 nm

RLTMIL-1444 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1444-50-3, 1444 nm, 50 mW, cw, stability <3%, PSU-FDA			3.343,00	3.660,39
RLTMIL-1444-100-3, 1444 nm, 100 mW, cw, stability <3%, PSU-FDA			4.798,00	5.253,53
RLTMIL-1444-200-3, 1444 nm, 200 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMIL-1444-400-3, 1444 nm, 400 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS IR - 1450 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1450 nm

RLTMDL-1450 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1450-100-2, 1450 nm, 100 mW, cw, stability <2%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1450-300-2, 1450 nm, 300 mW, cw, stability <2%, PSU-FDA			2.171,00	2.377,12
RLTMDL-1450-500-2, 1450 nm, 500 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-1450-1W-2, 1450 nm, 1 W, cw, stability <2%, PSU-FDA			3.600,00	3.941,79
RLTMDL-1450-2W-2, 1450 nm, 2 W, cw, stability <2%, PSU-FDA			3.693,00	4.043,62
RLTMDL-1450-3W-2, 1450 nm, 3 W, cw, stability <2%, PSU-FDA			4.086,00	4.473,93
RLTMDL-1450R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1450R-50-2, 1450 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA			2.743,00	3.003,43
RLTMDL-1450R-100-2, 1450 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA			3.343,00	3.660,39
RLTMDL-1450R-150-2, 1450 nm, 150 mW, cw, round beam, stability <2%, PSU-FDA			3.693,00	4.043,62

LASER SYSTEMS IR - 1470 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1470 nm

RLTMDL-1470 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1470-100-2, 1470 nm, 100 mW, cw, stability <2%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1470-300-2, 1470 nm, 300 mW, cw, stability <2%, PSU-FDA			2.171,00	2.377,12
RLTMDL-1470-500-2, 1470 nm, 500 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-1470-1W-2, 1470 nm, 1 W, cw, stability <2%, PSU-FDA			3.600,00	3.941,79
RLTMDL-1470-2W-2, 1470 nm, 2 W, cw, stability <2%, PSU-FDA			3.693,00	4.043,62
RLTMDL-1470-3W-2, 1470 nm, 3 W, cw, stability <2%, PSU-FDA			4.086,00	4.473,93
RLTMDL-1470R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1470R-50-2, 1470 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA			2.743,00	3.003,43
RLTMDL-1470R-100-2, 1470 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA			3.343,00	3.660,39
RLTMDL-1470R-150-2, 1470 nm, 150 mW, cw, round beam, stability <2%, PSU-FDA			3.693,00	4.043,62

LASER SYSTEMS IR - 1532 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1532 nm

RLTMDL-1532 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1532-100-2, 1532 nm, 100 mW, cw, stability <2%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1532-300-2, 1532 nm, 300 mW, cw, stability <2%, PSU-FDA			2.171,00	2.377,12
RLTMDL-1532-500-2, 1532 nm, 500 mW, cw, stability <2%, PSU-FDA			2.352,00	2.575,30
RLTMDL-1532-1W-2, 1532 nm, 1 W, cw, stability <2%, PSU-FDA			3.600,00	3.941,79
RLTMDL-1532-2W-2, 1532 nm, 2 W, cw, stability <2%, PSU-FDA			3.693,00	4.043,62

LASER SYSTEMS IR - 1550 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

1550 nm

RLTMDL-1550 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1550-100-3, 1550 nm, 100 mW cw, stability <3%, PSU-FDA			1.719,00	1.882,21
RLTMDL-1550-300-3, 1550 nm, 300 mW cw, stability <3%, PSU-FDA			1.900,00	2.080,39
RLTMDL-1550-500-3, 1550 nm, 500 mW cw, stability <3%, PSU-FDA			2.171,00	2.377,12
RLTMDL-1550-1W-2, 1550 nm, 1 W, cw, stability <2%, PSU-FDA			3.600,00	3.941,79
RLTMDL-1550-2W-2, 1550 nm, 2 W, cw, stability <2%, PSU-FDA			3.693,00	4.043,62
RLTMDL-1550-3W-2, 1550 nm, 3 W, cw, stability <2%, PSU-FDA			4.086,00	4.473,93
RLTMDL-1550R series DIODE CW ROUND BEAM	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1550R-50-2, 1550 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA			3.693,00	4.043,62
RLTMDL-1550R-100-2, 1550 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA			4.086,00	4.473,93
RLTMDL-1550R-200-2, 1550 nm, 200 mW, cw, flat top beam, stability <2%, PSU-FDA			4.798,00	5.253,53

LASER SYSTEMS IR - 1645 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, remote control

1413 nm

RLTMIL-1645 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1645-100-5, 1645 nm, 100 mW, cw, stability <5%, PSU-FDA			14.362,00	15.725,56
RLTMIL-1645-300-5, 1645 nm, 300 mW, cw, stability <5%, PSU-FDA			15.154,00	16.592,76
RLTMIL-1645-500-5, 1645 nm, 500 mW, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMIL-1645-800-5, 1645 nm, 800 mW, cw, stability <5%, PSU-FDA			18.522,00	20.280,52
RLTMIL-1645-1W-5, 1645 nm, 1 W, cw, stability <5%, PSU-FDA			21.890,00	23.968,29

LASER SYSTEMS IR - 1870 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation mode

| **Options:** Fiber coupling, modulation, adj. output power, high stability, remote control

1870 nm

RLTMDL-1870 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1870-100-3, 1870 nm, 100 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-1870-200-3, 1870 nm, 200 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMDL-1870-300-3, 1870 nm, 300 mW, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMDL-1870-500-3, 1870 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04
RLTMDL-1870-800-3, 1870 nm, 800 mW, cw, stability <3%, PSU-FDA			8.977,00	9.829,30

LASER SYSTEMS IR - 1900 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation mode

| **Options:** Fiber coupling, modulation, adj. output power, high stability, remote control

1900 nm

RLTMDL-1900 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1900-100-3, 1900 nm, 100 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-1900-200-3, 1900 nm, 200 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMDL-1900-300-3, 1900 nm, 300 mW, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMDL-1900-500-3, 1900 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04
RLTMDL-1900-800-3, 1900 nm, 800 mW, cw, stability <3%, PSU-FDA			8.977,00	9.829,30

LASER SYSTEMS IR - 1910 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1910 nm

RLTMIL-1910 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1910-200-3, 1910 nm, 200 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1910-300-3, 1910 nm, 300 mW, cw, stability <3%, PSU-FDA			10.771,00	11.793,63
RLTMIL-1910-600-3, 1910 nm, 600 mW, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTMIL-1910-1W-5, 1910 nm, 1 W, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMIL-1910-3W-5, 1910 nm, 3 W, cw, stability <5%, PSU-FDA			20.206,00	22.124,41
RLTMIL-1910-5W-5, 1910 nm, 5 W, cw, stability <5%, PSU-FDA			23.573,00	25.811,08
RLTMIL-1910-10W-5, 1910 nm, 10 W, cw, stability <5%, PSU-FDA			30.309,00	33.186,61
RLTMIL-1910-13W-5, 1910 nm, 13 W, cw, stability <5%, PSU-FDA			33.676,00	36.873,28

LASER SYSTEMS IR - 1940 nm DIODE



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation mode
 | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1940 nm

RLTMDL-1940 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-1940-100-3, 1940 nm, 100 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-1940-200-3, 1940 nm, 200 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMDL-1940-300-3, 1940 nm, 300 mW, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMDL-1940-500-3, 1940 nm, 500 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04
RLTMDL-1940-800-3, 1940 nm, 800 mW, cw, stability <3%, PSU-FDA			8.977,00	9.829,30

LASER SYSTEMS IR - 1940 nm DPSS



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1940 nm

RLTMIL-1940 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1940-200-3, 1940 nm, 200 mW, cw, stability <3%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1940-300-3, 1940 nm, 300 mW, cw, stability <3%, PSU-FDA			10.771,00	11.793,63
RLTMIL-1940-600-3, 1940 nm, 600 mW, cw, stability <3%, PSU-FDA			12.567,00	13.760,14
RLTMIL-1940-1W-5, 1940 nm, 1 W, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMIL-1940-3W-5, 1940 nm, 3 W, cw, stability <5%, PSU-FDA			20.206,00	22.124,41
RLTMIL-1940-5W-5, 1940 nm, 5 W, cw, stability <5%, PSU-FDA			23.573,00	25.811,08
RLTMIL-1940-10W-5, 1940 nm, 10 W, cw, stability <5%, PSU-FDA			30.309,00	33.186,61
RLTMIL-1940-13W-5, 1940 nm, 13 W, cw, stability <5%, PSU-FDA			33.676,00	36.873,28

LASER SYSTEMS IR - 1985/1990 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1985/1990 nm

RLTMIL-1985 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1985-200-5, 1985 nm, 200 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1985-400-5, 1985 nm, 400 mW, cw, stability <5%, PSU-FDA			10.771,00	11.793,63
RLTMIL-1985-600-5, 1985 nm, 600 mW, cw, stability <5%, PSU-FDA			12.567,00	13.760,14
RLTMIL-1985-1W-5, 1985 nm, 1 W, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMIL-1985-3W-5, 1985 nm, 3 W, cw, stability <5%, PSU-FDA			20.206,00	22.124,41
RLTMIL-1985-5W-5, 1985 nm, 5 W, cw, stability <5%, PSU-FDA			23.573,00	25.811,08
RLTMIL-1985-10W-5, 1985 nm, 10 W, cw, stability <5%, PSU-FDA			30.309,00	33.186,61

RLTMIL-1990 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-1990-200-5, 1990 nm, 200 mW, cw, stability <5%, PSU-FDA			8.976,00	9.828,20
RLTMIL-1990-400-5, 1990 nm, 400 mW, cw, stability <5%, PSU-FDA			10.771,00	11.793,63
RLTMIL-1990-600-5, 1990 nm, 600 mW, cw, stability <5%, PSU-FDA			12.567,00	13.760,14
RLTMIL-1990-1W-5, 1990 nm, 1 W, cw, stability <5%, PSU-FDA			16.838,00	18.436,64
RLTMIL-1990-3W-5, 1990 nm, 3 W, cw, stability <5%, PSU-FDA			20.206,00	22.124,41
RLTMIL-1990-5W-5, 1990 nm, 5 W, cw, stability <5%, PSU-FDA			23.573,00	25.811,08
RLTMIL-1990-10W-5, 1990 nm, 10 W, cw, stability <5%, PSU-FDA			30.309,00	33.186,61

LASER SYSTEMS IR - 2096 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

2096 nm

RLTMIL-2096 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-2096-1W-3, 2096 nm, 1 W, cw, stability <3%, PSU-FDA			16.838,00	18.436,64
RLTMIL-2096-2W-3, 2096 nm, 2 W, cw, stability <3%, PSU-FDA			20.206,00	22.124,41
RLTMIL-2096-3W-3, 2096 nm, 3 W, cw, stability <3%, PSU-FDA			25.257,00	27.654,96

LASER SYSTEMS IR - 2200 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation mode
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

2200 nm

RLTMDL-2200 series DIODE CW	Status	MOQ	EUR / pc	USD / pc
RLTMDL-2200-50-3, 2200 nm, 50 mW, cw, stability <3%, PSU-FDA			5.757,00	6.303,58
RLTMDL-2200-100-3, 2200 nm, 100 mW, cw, stability <3%, PSU-FDA			6.717,00	7.354,73
RLTMDL-2200-300-3, 2200 nm, 300 mW, cw, stability <3%, PSU-FDA			7.676,00	8.404,78
RLTMDL-2200-400-3, 2200 nm, 400 mW, cw, stability <3%, PSU-FDA			8.079,00	8.846,04

LASER SYSTEMS MID IR - 3800 nm



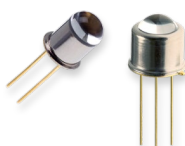
Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

3800 nm

RLTMPL-3800 series DPSS CW	Status	MOQ	EUR / pc	USD / pc
RLTMIL-3800-100-5, 3800 nm, 100 mW, cw, stability <5%, PSU-FDA			42.095,00	46.091,60
RLTMIL-3800-200-5, 3800 nm, 200 mW, cw, stability <5%, PSU-FDA			43.779,00	47.935,49
RLTMIL-3800-500-5, 3800 nm, 500 mW, cw, stability <5%, PSU-FDA			47.147,00	51.623,25
RLTMIL-3800-1W-5, 3800 nm, 1 W, cw, stability <5%, PSU-FDA			53.882,00	58.997,69

LEDS - THROUGH HOLE - DEEP UV



Through Hole LEDs

- 3mm, 5mm, TO18 or TO39 can
- quartz glass lens
- water purification / disinfection / phototherapy
- DNA sequencing, Blood Gas Measurements

LEDs Through Hole DEEP-UV 255 - 340 nm	Status	MOQ	EUR / pc	USD / pc
255 nm				
UVTOP250-HL-TO39, 255 ±5 nm, 0.3 mW, 20 mA, TO-39, hemispherical lens		10 pcs.	445,00	487,25
UVTOP250-FW-TO39, 255 ±5 nm, 20 mA, TO-39, flat window		10 pcs.	697,80	764,05
UVTOP250-BL-TO39, 255 ±5 nm, 20 mA, TO-39, ball lens		10 pcs.	756,10	827,89
265 nm				
UVTOP260-HL-TO39, 265 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens		10 pcs.	301,10	329,69
UVTOP260-FW-TO39, 265 ±5 nm, 20 mA, TO-39, flat window		10 pcs.	607,10	664,74
UVTOP260-BL-TO39, 265 ±5 nm, 20 mA, TO-39, ball lens		10 pcs.	714,00	781,79

270 nm			
UVTOP265-HL-TO39, 270 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens		241,90	264,87
275 nm			
UVTOP270-HL-TO39, 275 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens	10 pcs.	212,00	232,13
UVTOP270-FW-TO39, 275 ±5 nm, 20 mA, TO-39, flat window	10 pcs.	485,70	531,81
UVTOP270-BL-TO39, 275 ±5 nm, 20 mA, TO-39, ball lens	10 pcs.	686,50	751,68
280 nm			
DUV280-FW18, 280 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window	EOL	131,14	143,59
285 nm			
UVTOP280-HL-TO39, 285 ±5 nm, 0.7 mW, 20 mA, TO-39, hemispherical lens	10 pcs.	212,00	232,13
UVTOP280-FW-TO39, 285 ± 5 nm, 20 mA, TO-39, flat window	10 pcs.	474,40	519,44
UVTOP280-BL-TO39, 285 ±5 nm, 20 mA, TO-39, ball lens	10 pcs.	688,00	753,32
295 nm			
UVTOP290-HL-TO39, 295 ±5 nm, 20 mA, TO-39, hemispherical lens	10 pcs.	509,90	558,31
UVTOP290-FW-TO39, 295 ±5 nm, 20 mA, TO-39, flat window	10 pcs.	425,81	466,24
UVTOP290-BL-TO39, 295 ±5 nm, 20 mA, TO-39, ball lens	10 pcs.	607,10	664,74
310 nm			
UVTOP305-HL-TO39, 310 ±5 nm, 20 mA, TO-39, hemispherical lens	10 pcs.	485,71	531,82
UVTOP305-FW-TO39, 310 ±5 nm, 20 mA, TO-39, flat window	10 pcs.	412,90	452,10
UVTOP305-BL-TO39, 310 ±5 nm, 20 mA, TO-39, ball lens	10 pcs.	534,30	585,03
DUV310-OC39, 310 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can		114,95	125,86
DUV310-FW5, 310 ±5 nm, 1.5 mW, 20 mA, ±58°, TO-39, flat window		121,43	132,96
DUV310-FW18, 310 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window		131,14	143,59
DUV310-HL5N, 310 ±5 nm, 0.8 mW, 20 mA, ±3°, TO-39, hemispherical lens		144,10	157,78
DUV310-HL46N, 310 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-46S, hemispherical lens		144,10	157,78
DUV310-HL18M, 310 ±5 nm, 1.2 mW, 20 mA, ±12°, TO-18, hemispherical lens		144,10	157,78
DUV310-HL18W, 310 ±5 nm, 1.3 mW, 20 mA, ±20°, TO-18, hemispherical lens		144,10	157,78
325 nm			
DUV325-OC39, 325 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can		121,43	132,96
DUV325-FW5, 325 ±5 nm, 1.7 mW, 20 mA, ±58°, TO-39, flat window		127,90	140,04
DUV325-FW18, 325 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window		127,90	140,04
DUV325-HL5N, 325 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-39, hemispherical lens		152,19	166,64
DUV325-HL46N, 325 ±5 nm, 1.0 mW, 20 mA, ±3°, TO-46S, hemispherical lens		152,19	166,64
DUV325-HL18M, 325 ±5 nm, 1.5 mW, 20 mA, ±12°, TO-18, hemispherical lens		152,19	166,64
DUV325-HL18W, 325 ±5 nm, 1.4 mW, 20 mA, ±20°, TO-18, hemispherical lens		152,19	166,64
340 nm			
UVLED340-TF, 340 nm, 50 µW, 20 mA, 90°, TO-18		18,50	20,26
DUV340-OC39, 340 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can		121,43	132,96
DUV340-FW5, 340 ±5 nm, 1.7 mW, 20 mA, ±58°, TO-39, flat window		127,90	140,04
DUV340-FW18, 340 ±5 nm, 1.3 mW, 20 mA, ±55°, TO-18, flat window		127,90	140,04
DUV340-HL5N, 340 ±5 nm, 1.0 mW, 20 mA, ±3°, TO-39, hemispherical lens		152,19	166,64
DUV340-HL46N, 340 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-46S, hemispherical lens		152,19	166,64
DUV340-HL18M, 340 ±5 nm, 1.3 mW, 20 mA, ±12°, TO-18, hemispherical lens		152,19	166,64
DUV340-HL18W, 340 ±5 nm, 1.3 mW, 20 mA, ±20°, TO-18, hemispherical lens		152,19	166,64

LEDs - THROUGH HOLE - UV



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

LEDs Through Hole UV 355 - 400 nm	Status	MOQ	EUR / pc	USD / pc
355 nm				
XSL-355-TF, 355 nm, 0.4-0.6 mW, 20 mA, 100°, TO-46 with flat glass window			12,90	14,12
XSL-355-3E-R6, 355 nm, 1.8-2.4 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy			11,24	12,31
XSL-355-5E-R6, 355 nm, 1.8-2.4 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy			11,24	12,31
360 nm				
XSL-360-3E, 360 nm, 1.2-1.8 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy			9,20	10,07
XSL-360-5E, 360 nm, 1.2-1.8 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy			9,20	10,07
RLT360-1.5-30-3CC, 361 nm, 1.5 mW, 3x20 mA, 3 chips ~30°, 5 mm clear epoxy	EOL		5,58	6,11
365 nm				
XSL-365-3E, 365 nm, 2.4-6.0 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy			6,95	7,61
XSL-365-5E, 365 nm, 2.4-6.0 mW, 20 mA, 15°, 5 mm UV resistant clear epoxy (silicone)			6,13	6,71
XSL-365-5F, 365 nm, 4.0-6.0 mW, 20 mA, 100°, 5 mm UV resistant clear epoxy (silicone)			6,13	6,71
XSL-365-TB, 365 nm, 0.6-0.8 mW, 20 mA, 10°, TO-46 with glass ball lens			6,13	6,71
XSL-365-TF, 365 nm, 0.6-0.8 mW, 20 mA, 100°, TO-46 with flat glass window			6,13	6,71
RV1-365-15-5, 365 nm, 4 mW, 20 mA, 15°, 5 mm clear epoxy			2,26	2,47
UVLED365-11E, 365 nm, 4.0 mW, 20 mA, 10°, TO-46 with glass ball lens			5,78	6,33
UVLED365-111E, 365 nm, 5.0 mW at 20 mA, 110°, TO-46 with flat glass window			5,98	6,55
RLT365-10, 365 nm, 1.2 mW, 20 mA, 10°, aluminium housing with UV cut-off filter	EOL		38,00	41,61

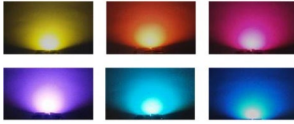
RLT365-11E, 365 nm, 4 mW, 20 mA, 10°, aluminium housing with UV cut-off filter	50,20	54,97
RLT365-110E, 365 nm, 1.7 mW, 20 mA, 100°, aluminium housing with UV cut-off filter	50,20	54,97
LED365-01Z, 365 nm, 5.5 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy	7,31	8,00
LED365-06Z, 365 nm, 5.5 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy	6,98	7,64
370 nm		
XSL-370-3E, 370 nm, 4.0-6.0 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy	5,32	5,83
XSL-370-5E, 370 nm, 4.0-6.0 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy	4,50	4,93
VL370-5-15, 370 nm, 2.0-4.0 mW, 20 mA, 15°, 5 mm clear epoxy	3,14	3,44
VL370-TH-45, 370 nm, 1.4-2.0 mW, 20 mA, 45°, 5 mm clear epoxy	EOL	3,14 3,44
RLT370-TO-18, 370 nm, 400 µW, 20 mA, 15°, TO-18 with glass ball lens	EOL	6,06 6,64
RLS-UV370, 370 nm, 500 µW, 20 mA, 15°, TO-18 with cap lens	EOL	2,86 3,13
RLS-UV370E, 370 nm, 1 mW, 20 mA, 20°, 5 mm clear epoxy	5,75	6,30
XSL-370-TB-4, 370 nm, 0.8-1.2 mW, 20 mA, 10°, TO-46 with glass ball lens	4,50	4,93
XSL-370-TF-5, 370 nm, 1.2-1.8 mW, 20 mA, 100°, TO-46 with flat glass window	5,52	6,04
RLT370-10E, 370 nm, 4.7 mW, 20 mA, 10°, aluminium housing with UV cut off-filter	50,20	54,97
RLT370-110, 370 nm, 2.0 mW, 20 mA, 110°, aluminium housing with UV cut off-filter	EOL	o.r. o.r.
UVLED370-10E, 370 nm, 8.5 mW, 20 mA, 10°, TO-46 with glass ball lens	3,85	4,22
UVLED370-11E, 370 nm, 8.5 mW, 20 mA, 10°, TO-46 with glass ball lens	3,85	4,22
UVLED370-111E, 370 nm, 12.0 mW at 20 mA, 110°, TO-46 with flat glass window	4,94	5,41
375 nm		
XRL-375-5E, 375 nm, 17.4-25.0 mW, 20 mA, 40°, 5 mm clear UV-resistant epoxy	8,34	9,13
XSL-375-TB-4, 375 nm, 0.8-1.2 mW, 20 mA, 10°, TO-46 with glass ball lens	4,91	5,38
XSL-375-TF-R2, 375 nm, 4-6 mW, 20 mA, 100°, TO-46 with flat window	4,91	5,38
LED375-04, 375 nm, 2.5 mW, 20 mA, ±20°, 5 mm clear UV-resistant epoxy	4,82	5,28
LED375-06, 375 nm, 2.5 mW, 20 mA, ±4°, 5 mm clear UV-resistant epoxy	4,99	5,46
LED375-33, 375 nm, 7 mW, 20 mA, ±8°, 3 mm clear UV-resistant epoxy	4,82	5,28
XSL-375-3E, 375 nm, 11-17 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy	4,91	5,38
RV2-375-15-5, 375 nm, 4.5 mW, 20 mA, 15°, 5 mm clear epoxy	2,16	2,37
B5M-447-375S, 375 nm, 4 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy	2,60	2,85
XSL-375-5E, 375 nm, 6 mW, 20 mA, 15°, 5 mm clear UV-resistant mold	2,52	2,76
XSL-375-5E-R4, 375 nm, 8.4-14.0 mW, 20 mA, 15°, 5 mm clear UV-resistant mold	4,09	4,48
UVLED375-10-30, 375 nm, 15 mW, 15 mA, ±20°, 5 mm clear UV-resistant mold	2,90	3,18
380 nm		
B5M-447-380S, 380 nm, 5 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy	1,18	1,29
VL380-5-15, 380 nm, 4.0-7.0 mW, 20 mA, 15°, 5 mm clear epoxy	1,96	2,15
RLS-UV380, 380 nm, 8.0-12.0 mW, 20 mA, 20°, 5 mm clear epoxy	1,40	1,53
E1L5M-4POA2-01, 385 nm, 1.5-2.3 mW, 20 mA, 16°, TO-46 ball lens	2,98	3,26
RLS-UV385, 385 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy	EOL	0,97 1,06
RLU385-2-30, 385 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy	EOL	2,07 2,27
385D30, 385 nm, FWHM 15 nm, 30°, 3-5 mW, 5 mm clear epoxy	EOL	1,63 1,78
385 nm		
RV3-385-15-5, 385 nm, 8 mW, 20 mA, 15°, 5 mm clear epoxy	2,06	2,26
LED385-03, 385 nm, 18 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy	4,82	5,28
LED385-04, 385 nm, 18 mW, 20 mA, ±17°, 5 mm clear UV-resistant epoxy	4,82	5,28
LED385-33, 385 nm, 18 mW, 20 mA, ±6°, 3 mm clear UV-resistant epoxy	4,82	5,28
390 nm		
VL390-5-15, 390 nm, 8.1-11.5 mW, 20 mA, 15°, 5 mm clear epoxy	1,33	1,46
HUUUV-5102L, 393 nm, FWHM 13 nm, 20°, 2 mW, 5 mm clear epoxy	EOL	0,62 0,68
395 nm		
RLS-UV395, 395 nm, 10-18 mW, 20 mA, 20°, 5 mm clear epoxy	0,68	0,74
B3B-447-CVD, 395 nm, 15 mcd, 20 mA, 30°, 3 mm clear epoxy	1,95	2,14
LED395-33, 395 nm, 18 mW, 20 mA, 16°, 3 mm clear UV-resistant epoxy	4,36	4,77
LED395-01, 395 nm, 18 mW, 20 mA, 14°, 5 mm clear UV-resistant epoxy	4,36	4,77
LED395-02, 395 nm, 18 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy	o.r.	o.r.
LED395-03, 395 nm, 18 mW, 20 mA, 20°, 5 mm clear UV-resistant epoxy	o.r.	o.r.
LED395-04, 395 nm, 18 mW, 20 mA, 24°, 5 mm clear UV-resistant epoxy	o.r.	o.r.
LED395-05, 395 nm, 18 mW, 20 mA, 88°, 5 mm clear UV-resistant epoxy	o.r.	o.r.
LED395-06, 395 nm, 18 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy	o.r.	o.r.
RV4-395-15-5, 395 nm, 12 mW, 20 mA, 15°, 5 mm clear epoxy	1,50	1,64
XRL-395-5O, 395 nm, 21-29 mW, 25 mA, 15°, 5 mm clear epoxy	8,18	8,96
400 nm		
RLS-UV400, 400 nm, 7-10 mW, 20 mA, 15°, 5 mm clear epoxy	0,30	0,33
LLS-UV400, 400 nm, 18-23 mW, 20 mA, 15°, 5 mm clear epoxy	2,45	2,68
VL400-5-15, 400 nm, 8.1-11.5 mW, 20 mA, 15°, 5 mm clear epoxy	1,33	1,46
XRL-400-5O, 400 nm, 21-29 mW, 25 mA, 15°, 5 mm clear epoxy	8,18	8,96
XRL-400-5E, 400 nm, 21-29 mW, 25 mA, 40°, 5 mm clear epoxy	8,18	8,96

LEDs - THROUGH HOLE - VISIBLE



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

LEDs Through Hole WHITE	Status	MOQ	EUR / pc	USD / pc
GaN				
M5DLS1C1A, warm white, 3000K, 1.3 cd, 20 mA, 120°, SMD 3.2 x 2.8 mm			1,20	1,31
W5DLS1C1A, white, 10000K, 1.9 cd, 20 mA, 120°, PLCC2 SMD 3.2 x 2.8 mm			1,20	1,31
B3B-440-LBS, white, 10.5 cd, 20 mA, 20°, 3 mm clear epoxy			0,90	0,99
B5-430-JD, white, 3.5 cd, 20 mA, 30°, 5 mm clear epoxy			1,10	1,20
HUWH-5101L, white, 3.7 cd, 20 mA, 5 mm clear epoxy	EOL		1,60	1,75
HUWH-3101L, white, 3.7 cd, 20 mA, 3 mm clear epoxy	EOL		1,60	1,75
5W4HCA-P, white, 4.0-4.5 cd, 20 mA, 20°, 5 mm clear epoxy	EOL		1,10	1,20
B5-43SUN-JD, warm white, (sunbeam) 4.5 cd, 20 mA, 30°, 5 mm clear epoxy			1,10	1,20
B5-43SUN-JB, warm white, (sunbeam) 6.0 cd, 20 mA, 20°, 5 mm clear epoxy			1,10	1,20
B5B-430-JB, white, 6.5 cd, 20 mA, 8°, 5 mm clear epoxy			1,10	1,20
5W4HCA-H, white, 7.0-8.0 cd, 20 mA, 20°, 5 mm clear epoxy	EOL		1,62	1,77
5W4HCA-U, white, 13.0-15.0 cd, 20 mA, 20°, 5 mm clear epoxy	EOL		1,92	2,10
RLS-5W-180-S, white, 18.0 cd, 20 mA, 15°, 5 mm clear epoxy			2,04	2,23
5W4HCA-H20-16, white, 18-26 cd, 20 mA, 15 mil chip, 20°, 5 mm clear epoxy	EOL		2,34	2,56
5W4HCA-H30-16, white, 12-17 cd, 20 mA, 15 mil chip, 30°, 5 mm clear epoxy	EOL		2,34	2,56
RLS-5W-200-S, white, 20.0 cd, 20 mA, 15°, 5 mm clear epoxy			2,34	2,56
5W4HCA-H20, white, 20-25 cd, 20 mA, 15 mil chip, 20°, 5 mm clear epoxy	EOL		2,44	2,67
5W4HCA-H20-ULTRA, white, 27-33 cd, 30 mA, 15 mil chip, 20°, 5 mm clear epoxy	EOL		3,60	3,94
PW5111A-Z3, white, 30-36 cd, 20 mA, 15°, x/y 0.31/0.30, 5 mm clear epoxy	EOL		3,70	4,05
W57L5111P, white, 45-60 cd, 50 mA, 15°, 5 mm clear epoxy			3,80	4,16
W54L5111P, white, 75 cd, 50 mA, 15°, 5 mm clear epoxy			3,80	4,16
M57L5111P, warm white, 30-35 cd, 50 mA, 15°, 5 mm clear epoxy			3,80	4,16
ZnSe				
RLZS-2012, white, 200-300mcd, 20 mA, Vf 2.65V, 150°, 2012 SMD			1,49	1,63
RGB				
OS5-RGB-3S, RGB, 625/525/470 nm, 8/14/4 cd @ 20 mA, 30°, 5mm clear epoxy, 4-Pin			1,85	2,03
B5-4RGB-CBA, RGB, 625/525/470 nm, 20°, comm. +, 5 mm clear epoxy			1,86	2,04

LEDs Through Hole PHOSPHOR COATED	Status	MOQ	EUR / pc	USD / pc
 5 mm clear epoxy type LEDs based on blue LED with phosphor coating				
K64L5111A, orchid, 8.4 cd, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
K7DL5111A, purple, 8.4 cd, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
B64L5111A, ice blue, 20 cd, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
C24L5111A, sky blue, 4.5 lm, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
C34L5111A, cyan, 6.7 lm, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
CM4L5111A, yolk, 8.2 lm, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
CG4L5111A, orange peach, 4.4 lm, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26
CA4L5111A, magenta, 3.8 lm, 20 mA, 15°, 5 mm clear epoxy			2,98	3,26

LEDs Through Hole VIOLET 405 - 440 nm	Status	MOQ	EUR / pc	USD / pc
405 nm				
5P4FCA, 405 nm, 3-4 mW, 20 mA, 20°, 5 mm clear epoxy	EOL		0,82	0,90
RV5-405-8-5, 405 nm, 14 mW, 20 mA, 8°, 5 mm clear epoxy			1,78	1,95
RV5-405-15-5, 405 nm, 14 mW, 20 mA, 15°, 5 mm clear epoxy			1,78	1,95
RV5-405-3, 405 nm, 14 mW, 20 mA, 30°, 3 mm clear epoxy			1,78	1,95
LED405-01, 405 nm, 18 mW, 20 mA, 14°, 5 mm clear UV-resistant epoxy			3,13	3,43
LED405-02, 405 nm, 18 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy			3,15	3,45
LED405-03, 405 nm, 18 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy			3,10	3,39
LED405-05, 405 nm, 16 mW, 20 mA, 102°, 5 mm clear UV-resistant epoxy			3,15	3,45
LED405-06, 405 nm, 15 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy			3,15	3,45
LED405-33, 405 nm, 18 mW, 20 mA, 16°, 3 mm clear UV-resistant epoxy			3,13	3,43
LED405-30M32, 405 nm, 3 mW, 20 mA, ±15°, TO-18 lenscap			5,60	6,13
B5B-437-CV, 405 nm, FWHM 10 nm, ±8°, 5-7 mW, 5 mm clear epoxy	EOL		2,55	2,79
B5-437-CVD, 405 nm, FWHM 10 nm, ±30°, 5-7 mW, 5 mm clear epoxy			2,55	2,79
LC503MUV1-30Q, 405 nm, FWHM 12 nm, 5-6 mW, 30°, 5 mm clear epoxy			5,05	5,53
410 nm				
VL410-5-15, 410 nm, 10.0-16.0 mW, 20 mA, 15°, 5 mm clear epoxy			1,89	2,07

RLS-410-3-25, 410 nm, 3 mW, 20 mA, 25°, 5 mm clear epoxy		2,30	2,52
415 nm			
B5M-447-415S, 415 nm, 9 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy		1,62	1,77
VL415-5-15, 415 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy		1,89	2,07
VL415-3-20, 415 nm, 10-16 mW, 20 mA, 20°, 3 mm clear epoxy	EOL	1,99	2,18
420 nm			
VL420-5-15, 420 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy		1,99	2,18
LED420-01, 420 nm, 26 mW, 20 mA, ±8°, 5 mm clear UV-resistant epoxy		3,70	4,05
LED420-33, 420 nm, 15 mW, 20 mA, ±13°, 3 mm clear UV-resistant epoxy		3,90	4,27
425 nm			
LED425-6-30, 425 nm, 6-8 mW, 20 mA, ±15°, 5 mm epoxy		3,23	3,54
VL425-5-15, 425 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy		2,78	3,04
VL425-3-20, 425 nm, 10-16 mW, 20 mA, 20°, 3 mm clear epoxy	EOL	2,88	3,15
430 nm			
VL430-5-15, 430 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy		1,99	2,18
LED430-01, 430 nm, 27 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy		3,83	4,19
LED430-02, 430 nm, 2 cd, 22 mW, 20 mA, 11°, 5 mm clear UV-resistant epoxy		o.r.	o.r.
LED430-03, 430 nm, 27 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy		3,90	4,27
LED430-06, 430 nm, 27 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy		4,13	4,52
LED430-05U, 430 nm, 10 mcd, 0.3 mW, 20 mA, ±40°, 5 mm epoxy	EOL	1,20	1,31
LED430-33L, 430 nm, 0.3 cd, 4.5 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy	EOL	2,76	3,02
LED430-33, 430 nm, 27 mW, 20 mA, 26°, 3 mm clear UV-resistant epoxy		3,90	4,27
435 nm			
LED435-6-30, 435 nm, 5-7 mW, 20 mA, ±15°, 5 mm epoxy		1,99	2,18
LED435-12-30, 435 nm, 10-14 mW, 20 mA, ±15°, 5 mm epoxy		3,23	3,54
LED435-01, 435 nm, 25 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy		3,83	4,19
LED435-03, 435 nm, 25 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy		3,83	4,19
440 nm			
LED440-6-30, 440 nm, 6 mW, 20 mA, ±15°, 5 mm epoxy	EOL	1,65	1,81
VL440-5-15, 440 nm, 10.0-16.0 mW, 20 mA, 15°, 5 mm clear epoxy		1,89	2,07

LEDs Through Hole BLUE 450 - 477 nm	Status	MOQ	EUR / pc	USD / pc
450 nm				
ELD-450-525, 450 nm, 5.2 cd, 20 mA, 20°, 5 mm clear epoxy			1,89	2,07
LED450-01, 450 nm, 24 mW, 20 mA, 16°, 5 mm UV-resistant clear epoxy			2,28	2,50
LED450-03, 450 nm, 20 mW, 20 mA, 18°, 5 mm clear epoxy			2,07	2,27
LED450-04, 450 nm, 20 mW, 20 mA, 40°, 5 mm clear epoxy			2,07	2,27
LED450-06, 450 nm, 20 mW, 4.5 cd, 20 mA, ±4°, 5 mm UV-resistant epoxy			2,34	2,56
LED450-33, 450 nm, 20 mW, 1.2 cd, 20 mA, ±13°, 3 mm clear epoxy			2,61	2,86
465 nm				
RLS-B465, 465 nm, 8cd, 20 mA ±15° 5 mm clear epoxy			1,20	1,31
470 nm				
B5B-437-IX, 470 nm, 3.8 cd, 20 mA, 8°, 5 mm clear epoxy			1,20	1,31
B3B-447-IX, 470 nm, 2 cd, 20 mA, 15°, 3 mm clear epoxy			1,20	1,31
LED470-01, 470 nm, 23 mW, 20 mA, ±9°, 5 mm clear epoxy			2,07	2,27
475 nm				
B56L5111P, 475 nm, 20-30 cd, 50 mA, 15°, 5 mm clear epoxy			1,33	1,46
RLS-5B475-S, 477 nm, 3.0-4.0 cd, 20 mA, 15°, 5 mm clear epoxy			1,25	1,37

LEDs Through Hole GREEN 490 - 545 nm	Status	MOQ	EUR / pc	USD / pc
490 nm				
LED490-02, 490 nm, 12 mW, 20 mA, 10°, 5 mm epoxy			o.r.	o.r.
LED490-03, 490 nm, 12 mW, 20 mA, 24°, 5 mm clear epoxy			2,07	2,27
LED490-06, 490 nm, 12 mW, 20 mA, 14°, 5 mm epoxy			2,34	2,56
LED490-33, 490 nm, 8 cd, 12 mW, 20 mA, 28°, 3 mm epoxy			2,07	2,27
505 nm				
B3B-443-B505, 505 nm, 4 cd, 20 mA, 15°, 3 mm clear epoxy			1,05	1,15
B5-433-B505, 505 nm, 7.0 cd, 20 mA, 5 mm, 15°, clear epoxy			1,05	1,15
B5B-433-B505, 505 nm, 8.0 cd, 20 mA, 5 mm, 8°, clear epoxy			1,05	1,15
ELD-510-524, 507 nm, 15 cd, 20 mA, 15°, 5 mm clear epoxy			1,69	1,85
515 nm				
LED515-10-30, 515 nm, 10 mW, 20 mA, ±15°, 5 mm clear epoxy	EOL		1,40	1,53
G48A5111P, 515 nm, 100 cd, 50 mA, 15°, 5 mm clear epoxy			3,98	4,36
525 nm				
B3B-443-B525, 525 nm, 5.5 cd, 20 mA, 15°, 3 mm clear epoxy			1,05	1,15
B5-433-B525, 525 nm, 7.0-10.0 cd, 20 mA, 5 mm, 15°, clear epoxy			1,15	1,26
B5B-433-B525, 525 nm, 11.0 cd, 20 mA, 5 mm, 8°, clear epoxy			1,05	1,15
LED525-01, 525 nm, 20 cd, 9 mW, 20 mA, ±9°, 5 mm clear epoxy			2,73	2,99
LED525-33, 525 nm, 9 mW at 20 mA, ±14°, 3 mm clear epoxy			2,73	2,99
G58A5111P, 525 nm, 80-100 cd, 50 mA, 15°, 5 mm clear epoxy			2,25	2,46
545 nm				
LED545-01, 545 nm, 3.2 mW, 20 mA, ±8°, 5 mm clear epoxy			4,73	5,18
LED545-04, 545 nm, 3.2 mW, 20 mA, 30°, 5 mm clear epoxy			4,73	5,18
LED545-06, 545 nm, 3.2 mW, 20 mA, ±3°, 5 mm clear epoxy			4,98	5,45
LED545-33, 545 nm, 3.2 mW, 20 mA, 28°, 3 mm clear epoxy			4,73	5,18

LEDs Through Hole YELLOW 565 - 590 nm	Status	MOQ	EUR / pc	USD / pc
565 nm				
B5B-433-014, 565 nm, 0.8 cd, 20 mA, 8°, 5 mm clear epoxy			0,78	0,85
LED565-33U, 565 nm, 0.2 mW, 20 mA, ±26°, 3 mm clear epoxy			0,60	0,66
LED565-03U, 565 nm, 0.2 mW, 20 mA, ±16°, 5 mm clear epoxy			0,60	0,66
G7NU5111A, 566 nm, 1.1 cd, 20 mA, 15°, 5 mm clear epoxy			1,49	1,63
570 nm				
LED570-33, 570 nm, 0.75 mW, 20 mA, ±12°, 3 mm clear epoxy			0,62	0,68
LED570-02, 570 nm, 0.75 mW, 20 mA, 6°, 5 mm clear epoxy		500 pcs.	0,57	0,62
LED570-03, 570 nm, 0.75 mW, 20 mA, 24°, 5 mm clear epoxy			0,62	0,68
LED570-06, 570 nm, 0.75 mW, 20 mA, ±2°, 5 mm clear epoxy			o.r.	o.r.
G8HD3131E, 570 nm, 2.18 cd, 40 mA, 2 chips, 30°, 3 mm clear epoxy			1,06	1,16
B5B-433-20, 572 nm, 3.0 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
B5-433-20, 572 nm, 2.5 cd, 20 mA, 15°, 5 mm clear epoxy			1,06	1,16
B5-433-20D, 572 nm, 1.7 cd, 20 mA, 30°, 5 mm clear epoxy			1,06	1,16
590 nm				
B5B-434-TY, 588 nm, 10.0 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
CY5111A-WY, 590 nm, 22 cd (max. 25 cd), 20 mA, 15°, 5 mm clear epoxy			1,24	1,36
Y5CA5111P, 590 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy			1,57	1,72
5Y3BCA-H, 590 nm, 4.0-4.5 cd, 20 mA, 20°, 5 mm clear epoxy	EOL		0,42	0,46
LED590-33, 590 nm, 4 mW, 20 mA, 28°, 3 mm clear epoxy			0,81	0,89
LED590-03, 590 nm, 4 mW, 20 mA, 30°, 5 mm clear epoxy			0,81	0,89

LEDs Through Hole ORANGE 600 - 625 nm	Status	MOQ	EUR / pc	USD / pc
600 nm				
LED600-03, 600 nm, 6.5 cd, 5 mW, 20 mA, 26°, 5 mm clear epoxy			1,17	1,28
605 nm				
B3B-445-30S, 605 nm, 2.0 cd, 20 mA, 20°, 3 mm clear epoxy			1,06	1,16
B5-435-30S, 605 nm, 4.0 cd, 20 mA, 15°, 5 mm clear epoxy			1,06	1,16
B5B-435-30S, 605 nm, 5.0 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
O5CA5111P, 605 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy			1,82	1,99
610 nm				
LED610-03, 610 nm, 7.5 cd, 8 mW, 20 mA, 26°, 5 mm clear epoxy			1,17	1,28
LED610-33, 610 nm, 8 mW, 20 mA, 3 mm clear epoxy		500 pcs.	0,73	0,80
615 nm				
B3B-445-30, 615 nm, 2.0 cd, 20 mA, 20°, 3 mm clear epoxy			1,06	1,16
B5-435-30, 615 nm, 4.0 cd, 20 mA, 15°, 5 mm clear epoxy			1,06	1,16
B5B-435-30, 615 nm, 5.0 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
620 nm				
5RKA5111P, 620 nm, 70-80 cd, 70 mA, 15°, 5 mm clear epoxy			1,68	1,84
625 nm				
B3B-445-TL, 625 nm, 7 cd, 20 mA, 15°, 3 mm clear epoxy			1,06	1,16
B5-435-TL, 625 nm, 10 cd, 20 mA, 15°, 5 mm clear epoxy			1,06	1,16
B5B-435-TL, 625 nm, 12 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
LED625-03, 625 nm, 9 mW, 20 mA, 26°, 5 mm clear epoxy			0,99	1,08
CR5111A-WY, 625 nm, 22 cd (max. 25 cd), 20 mA, 15°, 5 mm clear epoxy			1,24	1,36
R5CA5111P, 625 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy			1,57	1,72
5RAA5111P, 625 nm, 60-75 cd, 60 mA, 15°, 5 mm clear epoxy			1,68	1,84

LEDs Through Hole RED 630 - 700 nm	Status	MOQ	EUR / pc	USD / pc
630 nm				
LED630-03, 630 nm, 12 mW, 20 mA, 28°, 5 mm epoxy			1,17	1,28
645 nm				
LED645-03, 645 nm, 11 mW, 20 mA, 24°, 5 mm epoxy			1,17	1,28
650 nm				
ELD-650-523, 650 nm, 1 cd, 20 mA, 20°, 5 mm clear epoxy			3,30	3,61
655 nm				
RLS-655-3-25, 655 nm, 3 mW, 20 mA, 25°, 5 mm clear epoxy			2,30	2,52
660 nm				
B3B-446-30, 660 nm, 2.1 cd, 20 mA, 20°, 3 mm clear epoxy			1,06	1,16
B5B-436-30, 660 nm, 3.5 cd, 20 mA, 8°, 5 mm clear epoxy			1,06	1,16
B5-436-30D, 660 nm, 1.3 cd, 20 mA, 30°, 5 mm clear epoxy			1,06	1,16
LED660N-03, 660 nm, 2.4 cd, 15 mW, 20 mA, ±12°, 5 mm clear epoxy			0,88	0,96
670 nm				
ELD-670-524, 670 nm, 3.5 mW, 20 mA, 20°, 5 mm clear epoxy			4,33	4,74
LED670-01V, 670 nm, 7 mW, 20 mA, 20°, 5 mm epoxy			3,98	4,36
680 nm				
LED680-4-30, 680 nm, 4-5 mW, 20 mA, ±15°, 5 mm clear epoxy			3,40	3,72
LED680-01AU, 680 nm, 25 mW/sr, 4 mW, 20 mA, ±10°, 5 mm clear epoxy			3,98	4,36
LED680-02AU, 680 nm, 25 mW/sr, 4 mW, 20 mA, ±7°, 5 mm clear epoxy			3,98	4,36
LED680-33AU, 680 nm, 5.8 mW, 20 mA, ±16°, 3 mm clear epoxy			3,80	4,16
ELD-680-524, 680 nm, 3.5 mW, 20 mA, 20°, 5 mm clear epoxy			1,98	2,17
690 nm				
LED690-01AU, 690 nm, 25 mW/sr, 4 mW, 20 mA, ±10°, 5 mm clear epoxy			3,80	4,16
LED690-03AU, 690 nm, 25 mW/sr, 4 mW, 20 mA, ±10°, 5 mm clear epoxy			3,80	4,16
LED690-04AU, 690 nm, 10 mW/sr, 4 mW, 20 mA, ±20°, 5 mm clear epoxy			3,80	4,16
LED690-33AU, 690 nm, 5.8 mW, 20 mA, ±16°, 3 mm clear epoxy			3,80	4,16

700 nm			
ELD-700-524, 700 nm, 10 mW, 50 mA, 20°, 5 mm clear epoxy		3,60	3,94
IB5-43B8-700, 700 nm, 14 mW, 50 mA, 15°, 5 mm clear epoxy		3,70	4,05
LED700-02AU, 700 nm, 54 mW/sr, 5.5 mW, 20 mA, ±8°, 5 mm clear epoxy		3,98	4,36
LED700-04AU, 700 nm, 21 mW/sr, 5.5 mW, 20 mA, ±19°, 5 mm clear epoxy		3,98	4,36
LED700-33AU, 700 nm, 27 mW/sr, 5.5 mW, 20 mA, ±19°, 3 mm clear epoxy		3,80	4,16

LEDs - THROUGH HOLE - INFRARED



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

LEDs Through Hole IR 710 - 800 nm	Status	MOQ	EUR / pc	USD / pc
710 nm				
LED710-01AU, 710 nm, 60 mW/sr, 13 mW, 50 mA, ±10°, 5 mm clear epoxy			3,80	4,16
LED710-04AU, 710 nm, 30 mW/sr, 13 mW, 50 mA, ±20°, 5 mm clear epoxy			3,80	4,16
LED710-33AU, 710 nm, 30 mW/sr, 13 mW, 50 mA, ±18°, 3 mm clear epoxy			3,80	4,16
720 nm				
LED720-02AU, 720 nm, 7.0 mW, 20 mA, 6°, 5 mm clear epoxy			3,52	3,85
LED720-03AU, 720 nm, 7.0 mW, 20 mA, 18°, 5 mm clear epoxy			3,28	3,59
ELD-720-524, 720 nm, 7 mW, 20 mA, 20°, 5 mm clear epoxy			3,43	3,76
LED720-33AU, 720 nm, 7.0 mW, 20 mA, 40°, 3 mm clear epoxy			3,28	3,59
730 nm				
IB5-43B8-730, 730 nm, 20 mW, 50 mA, 15°, 5 mm clear epoxy			3,10	3,39
735 nm				
LED735-01AU, 735 nm, 18 mW, 50 mA, 20°, 5 mm clear epoxy			3,18	3,48
740 nm				
ELD-740-354, 740 nm, 19 mW, 50 mA, 50°, 3 mm clear epoxy			3,43	3,76
ELD-740-524, 740 nm, 14 mW, 50 mA, 20°, 5 mm clear epoxy			3,43	3,76
LED740-01AU, 740 nm, 18 mW, 50 mA, 20°, 5 mm clear epoxy			3,18	3,48
LED740-03AU, 740 nm, 18 mW, 50 mA, 30°, 5 mm clear epoxy			3,18	3,48
750 nm				
LED750-33AU, 750 nm, 25 mW, 50 mA, 36°, 3 mm clear epoxy			3,18	3,48
LED750-03AU, 750 nm, 25 mW, 50 mA, 20°, 5 mm clear epoxy			3,18	3,48
760 nm				
LED760-03AU, 760 nm, 19 mW, 50 mA, ±10°, 5 mm clear epoxy			3,18	3,48
LED760-05AU, 760 nm, 19 mW, 50 mA, ±55°, 5 mm clear epoxy			3,36	3,68
LED760-06AU, 760 nm, 19 mW, 50 mA, ±7°, 5 mm clear epoxy			3,36	3,68
LED760-33AU, 760 nm, 27 mW, 50 mA, 36°, 3 mm epoxy			3,18	3,48
LED760-40M32, 760 nm, 10 mW, 50 mA, 20°, TO-18, ball lens			9,12	9,99
765 nm				
IB5-43B8-765, 765 nm, 18 mW, 50 mA, 15°, 5 mm clear epoxy			3,10	3,39
770 nm				
LED770-6-30, 770 nm, 6-7 mW, 20 mA, ±15°, 5 mm clear epoxy	EOL		2,90	3,18
LED770-03AU, 770 nm, 18 mW, 50 mA, ±15°, 5 mm clear epoxy			3,18	3,48
ELD-770-324, 770 nm, 15 mW, 50 mA, 20°, 3 mm clear epoxy			3,43	3,76
ELD-770-524, 770 nm, 20 mW, 50 mA, 20°, 5 mm clear epoxy			3,43	3,76
780 nm				
LED780-01AU, 780 nm, 24 mW, 50 mA, 20°, 5 mm clear epoxy			3,18	3,48
LED780-03AU, 780 nm, 24 mW, 50 mA, 20°, 5 mm clear epoxy			3,18	3,48
LED780-33AU, 780 nm, 24 mW, 50 mA, 36°, 3 mm clear epoxy			3,18	3,48
ELD-780-524, 780 nm, 16 mW, 50 mA, 18°, 40 ns, 5 mm clear epoxy			3,43	3,76
ELD-780-525, 780 nm, 45 mW, 100 mA, 20°, 20 ns, 5 mm clear epoxy			3,43	3,76
800 nm				
LED800-01AU, 800 nm, 27 mW, 50 mA, ±17°, 5 mm clear epoxy			2,44	2,67

LEDs Through Hole IR 810 - 900 nm	Status	MOQ	EUR / pc	USD / pc
810 nm				
ELD-810-525, 810 nm, 45 mW, 100 mA, 20°, 5 mm clear epoxy			4,33	4,74
ELD-810-345, 810 nm, 18 mW, 50 mA, 30°, 3 mm clear epoxy			3,43	3,76
LED810-03AU, 810 nm, 24 mW, 50 mA, 22°, 5 mm clear epoxy			2,54	2,78
LED810-33AU, 810 nm, 24 mW, 50 mA, 38°, 3 mm clear epoxy			2,54	2,78
820 nm				
LED820-01AU, 820 nm, 18 mW, 50 mA, ±10°, 5 mm clear epoxy			2,54	2,78
830 nm				
IB5-43B8-830, 830 nm, 22 mW, 50 mA, 15°, 5 mm clear epoxy			2,40	2,63
LED830-03AU, 830 nm, 20 mW, 50 mA, ±15°, 5 mm clear epoxy			2,74	3,00
LED830-06AU, 830 nm, 20 mW, 50 mA, ±6°, 5 mm clear epoxy			2,74	3,00
LED830-33AU, 830 nm, 27 mW, 50 mA, 36°, 3 mm epoxy			2,54	2,78

840 nm				
LED840-04AU, 840 nm, 20 mW, 50 mA, $\pm 20^\circ$, 5 mm clear epoxy			2,54	2,78
ELD-840-515, 840 nm, 15 mW, 100 mA, 11° , 5 mm clear epoxy			3,43	3,76
850 nm				
B5B-850-8, 850 nm, 34 mW, 100 mA, $\pm 8^\circ$, 5 mm clear epoxy			1,82	1,99
I3NA5111A, 850 nm, 60 mW/sr, 100 mA, 15° , 5 mm clear epoxy			1,52	1,66
ELD-850-394, 850 nm, 18 mW, 50 mA, 90° , 3 mm clear epoxy			3,60	3,94
ELD-850-525, 850 nm, 11 mW, 20 mA, 20° , 5 mm clear epoxy			3,60	3,94
LED850-02UP, 850 nm, 26 mW, 50 mA, $\pm 4^\circ$, 5 mm clear epoxy			2,30	2,52
LED850-03UP, 850 nm, 28 mW, 50 mA, 22° , 5 mm clear epoxy			2,21	2,42
LED850-04UP, 850 nm, 26 mW, 50 mA, $\pm 18^\circ$, 5 mm clear epoxy			2,12	2,32
LED850-05UP, 850 nm, 26 mW, 50 mA, $\pm 40^\circ$, 5 mm clear epoxy			2,30	2,52
870 nm				
LED870-01UP, 870 nm, 24 mW, 50 mA, 20° , 5 mm clear epoxy			2,12	2,32
LED870F-03U, 870 nm, 22 mW, 50 mA, 30° , 5 mm, tr/ff 15/10ns			2,54	2,78
LED870-03UP, 870 nm, 28 mW, 50 mA, 22° , 5 mm epoxy			2,12	2,32
LED870-33UP, 870 nm, 28 mW, 50 mA, 40° , 3 mm epoxy			2,12	2,32
ELD-870F-515-2, 870 nm, 16 mW, 100 mA, tr/ff 5 ns, 8° , 5 mm epoxy			5,25	5,75
880 nm				
IR5-XCA880, 880 nm, 65 mW at 100 mA, 20° , 5mm clear epoxy			1,99	2,18
ELD-880-525, 880 nm, 45 mW, 100 mA, 20° , 5 mm clear epoxy			3,43	3,76
RLS-IR880, 880 nm, 10 mW/sr, 20 mA, $\pm 20^\circ$, 5 mm clear epoxy			3,43	3,76
LED880-33AU, 880 nm, 25 mW, 50 mA, $\pm 19^\circ$, 3 mm clear epoxy			2,02	2,21
890 nm				
LED890-03AU, 890 nm, 15 mW, 50 mA, $\pm 15^\circ$, tr/ff 200/300 ns, 5 mm clear epoxy			1,94	2,12
LED890-33AU, 890 nm, 15 mW, 50 mA, 40° , 3 mm epoxy			1,94	2,12
900 nm				
B5B-900-8, 895 nm, 48 mW/sr, 50 mA, 8° , 5 mm clear epoxy			2,72	2,98
ELD-900-525, 900 nm, 45 mW, 100 mA, 20° , 5 mm clear epoxy			3,65	4,00

LEDs Through Hole IR 910 - 980 nm	Status	MOQ	EUR / pc	USD / pc
910 nm				
LED910-02, 910 nm, 12 mW, 50 mA, $\pm 7^\circ$, 5 mm clear epoxy			2,16	2,37
LED910D-01, 910 nm, 13 mW, 50 mA, 22° , 5 mm epoxy			2,10	2,30
LED910D-33, 910 nm, 13 mW, 50 mA, 30° , 3 mm epoxy			2,10	2,30
ELD-910-525, 910 nm, 28 mW, 100 mA, 20° , 5 mm clear epoxy			3,43	3,76
935 nm				
ELD-935-525, 935 nm, 30 mW, 100 mA, 500 ns, 20° , 5 mm clear epoxy			4,33	4,74
940 nm				
I5LA5113A, 940 nm, 35 mW/sr, 100 mA, 15° , 5 mm clear epoxy			0,89	0,97
OPE5594S, 940 nm, 16 mW, 100 mA, 10° , 5 mm clear epoxy	EOL		0,80	0,88
B5B-940-8, 940 nm, 20 mW, 100 mA, $\pm 8^\circ$, 5 mm clear epoxy			0,99	1,08
LED940-06V, 940 nm, 18.0 mW, 150 mW/sr, 50 mA, $\pm 7^\circ$, 5 mm clear epoxy			1,80	1,97
LED940-33, 940 nm, 15 mW, 50 mA, 50° , 3 mm clear epoxy			1,38	1,51
LED940D-05, 940 nm, 25 mW, 50 mA, 90° , 5 mm clear epoxy			1,86	2,04
LED940-40K42, 940 nm, 18.0 mW, TO-46, cap lens	EOL		4,85	5,31
960 nm				
ELD-960-525, 960 nm, 20 mW, 100 mA, 20° , 5 mm clear epoxy			5,19	5,68
970 nm				
LED970-01, 970 nm, 25 mW/sr, 5.5 mW, 50 mA, 20° , 5 mm clear epoxy			1,94	2,12
LED970-02, 970 nm, 25 mW/sr, 5.5 mW, 50 mA, 14° , 5 mm clear epoxy			1,94	2,12
LED970-06, 970 nm, 25 mW/sr, 5.5 mW, 50 mA, 14° , 5 mm clear epoxy			1,84	2,01
LED970-33, 970 nm, 7 mW/sr, 5.5 mW, 50 mA, $\pm 18^\circ$, 3 mm clear epoxy			2,33	2,55
LED970D-03, 970 nm, 30 mW, 50 mA, 24° , 5 mm epoxy			2,28	2,50
LED970D-33, 970 nm, 30 mW, 50 mA, 34° , 3 mm epoxy			2,28	2,50
980 nm				
LED980-02, 985 nm, 4 mW, 50 mA, 14° , 5 mm clear epoxy	EOL		1,99	2,18
LED980-03, 980 nm, 17 mW, 50 mA, 22° , 5 mm clear epoxy	EOL		1,99	2,18
LED980D-03, 980 nm, 30 mW, 50 mA, $\pm 12^\circ$, 5 mm clear epoxy			2,52	2,76
LED980D-33, 980 nm, 30 mW, 50 mA, 34° , 3 mm epoxy			2,28	2,50

LEDs Through Hole IR 1020 - 1720 nm	Status	MOQ	EUR / pc	USD / pc
1020 nm				
ELD-1020-525, 1020 nm, 4.0 mW @ 20 mA, tr/ff 20/40 ns, 20° , 5 mm clear epoxy			9,12	9,99
1040 nm				
DIL5104, 1040 nm, 9 mW, 20 mA, 30° , 5 mm clear epoxy			5,40	5,91
1050 nm				
LED1050S-03, 1050 nm, 10.5 mW, 50 mA, 28° , 5 mm clear epoxy			o.r.	o.r.
LED1050G-33, 1050 nm, 15 mW, 50 mA, $\pm 21^\circ$, 3 mm clear epoxy			16,28	17,83
LED1050G-03, 1050 nm, 15 mW, 50 mA, $\pm 12^\circ$, 5 mm clear epoxy			16,28	17,83
LED1050-35K42, 1050 nm, 1.5 mW, 50 mA, tr/ff 10 ns, $\pm 6^\circ$, TO-46, cap lens			16,61	18,19
LED1050-35T52, 1050 nm, 1 mW, 50 mA, tr/ff 10 ns, $\pm 55^\circ$, TO			16,61	18,19

1060 nm			
ELD-1060-525, 1060 nm, 1.6 mW, 20 mA, tr/ff 10ns, 20°, 5 mm clear epoxy		9,12	9,99
1070 nm			
LED1070D-03, 1070 nm, 5 mm clear epoxy		9,72	10,64
LED1070-06, 1070 nm, 9 mW, 50 mA, ±10°, 5 mm clear epoxy	EOL	8,21	8,99
LED1070S-33, 1070 nm, 10.5 mW, 50 mA, 42°, 3 mm clear epoxy		10,76	11,78
LED1070-36, 1070 nm, 9 mW, 50 mA, ±31°, 3 mm clear epoxy	EOL	8,86	9,70
LED1070S-36, 1070 nm, 10.5 mW, 50 mA, 56°, 3 mm clear epoxy		10,76	11,78
1200 nm			
DIL5120, 1200 nm, 3.5 mW, 20 mA, 30°, 5 mm clear epoxy		6,30	6,90
ELD-1200-525, 1200 nm, 1.5 mW, 20 mA, 20°, tr/ff 25/40 ns, 5 mm clear epoxy	500 pcs.	9,12	9,99
LED1200S-03, 1200 nm, 9.2 mW, 50 mA, 28°, 5 mm clear epoxy		12,20	13,36
LED1200S-33, 1200 nm, 9.2 mW, 50 mA, 46°, 3 mm clear epoxy		12,20	13,36
LED1200S-35K42, 1200 nm, 6 mW, 50 mA, 20°, TO-46, cap lens	50 pcs.	15,58	17,06
LED1200-35M32, 1200 nm, 5.5 mW, 50 mA, 24°, TO-18, cap lens		15,46	16,93
1300 nm			
ELD-1300-525, 1300 nm, 2.2 mW, 20 mA, tr/ff 10 ns, 25°, 5 mm clear epoxy		8,19	8,97
LED1300S-03, 1300 nm, 9 mW, 50 mA, 26°, 5 mm clear epoxy		o.r.	o.r.
LED1300S-33, 1300 nm, 9 mW, 50 mA, 46°, 3 mm clear epoxy		12,20	13,36
LED1300D-03, 1300 nm, 10.5 mW, 50 mA, 28°, 5 mm clear epoxy		12,60	13,80
DIL5130, 1300 nm, 3.5 mW, 20 mA, 30°, 5 mm clear epoxy		6,30	6,90
LED1300-35M32, 1300 nm, 3 mW, 50 mA, ±15°, TO-46, cap lens		15,46	16,93
LED1300-35K42, 1300 nm, 2 mW, 50 mA, ±6°, TO-46, cap lens		16,61	18,19
1440 nm			
DIL5144, 1440 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy		6,30	6,90
1450 nm			
LED1450-03, 1450 nm, 3 mW, 50 mA, ±12°, 5 mm clear epoxy	EOL	10,52	11,52
LED1450S-03, 1450 nm, 4.8 mW, 50 mA, 28°, 5 mm clear epoxy		12,20	13,36
LED1450S-33, 1450 nm, 4.8 mW, 50 mA, 46°, 3 mm clear epoxy		12,20	13,36
LED1450-35K42, 1450 nm, 2.5 mW, 50 mA, 12°, TO-46, cap lens		14,97	16,39
ELD-1450-525, 1450 nm, 1.8 mW, 20 mA, 20°, 5 mm clear epoxy		8,19	8,97
1500 nm			
ELD-1500-525, 1500 nm, 3.3 mW, 20 mA, 20°, 5 mm clear epoxy		8,19	8,97
1550 nm			
ELD-1550-525, 1550 nm, 3.3 mW, 20 mA, tr/ff 10 ns, 20°, 5 mm clear epoxy		9,12	9,99
LED1550S-03, 1550 nm, 3.8 mW, 50 mA, ±13°, 5 mm clear epoxy		12,20	13,36
LED1550S-33, 1550 nm, 3.8 mW, 50 mA, 46°, 3 mm clear epoxy		12,20	13,36
LED1550-35M32, 1550 nm, 2.0 mW, 50 mA, ±15°, TO-46		17,10	18,72
LED1550S-35K42, 1550 nm, 2.4 mW, 50 mA, 18°, TO-46, cap lens	50 pcs.	18,18	19,91
1650 nm			
DIL5165, 1650 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy		6,30	6,90
ELD-1650-525, 1650 nm, 1.5 mW, 20 mA, 20°, 5 mm clear epoxy		12,50	13,69
LED1650-33, 1650 nm, 2.0 mW, 50 mA, ±21°, 3 mm clear epoxy	EOL	10,52	11,52
LED1650S-03, 1650 nm, 2.3 mW, 50 mA, 24°, 5 mm clear epoxy		12,20	13,36
LED1650S-33, 1650 nm, 2.3 mW, 50 mA, 46°, 3 mm clear epoxy		12,20	13,36
1720 nm			
ELD-1720-015, 1720 nm, 1.0 mW, 20 mA, tr/ff 15 ns, 6°, TO-46 with hemisph. lens		27,50	30,11

LEDS - DUAL WAVELENGTH



series of dual wavelength LEDs
5 mm clear epoxy, contains **2 chip dies**
custom wavelengths available on request

LEDs Dual Wavelength	Status	MOQ	EUR / pc	USD / pc
LED505/630-02A, 505/630 nm, 1.3/2.5 mW, 20 mA, ±20°, 5 mm epoxy			4,96	5,43
LED565/660-04A, 565/660 nm, 0.2/4.0 mW, 20 mA, ±20°, 5 mm epoxy			o.r.	o.r.
LED625/470-3S, 625/470 nm, 8500/4000 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin			1,39	1,52
LED625/525-3S, 625/525 nm, 7000/8500 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin			1,39	1,52
LED625/570-3S, 625/570 nm, 1600/1100 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin			1,07	1,17
LED635/760-04A, 635/760 nm, 1.5/4.0 mW, 20 mA, ±20°, 5 mm epoxy			4,96	5,43
LED660N/850-04A, 660/850 nm, 12.0/9.2 mW, 20 mA, ±20°, 5 mm epoxy			4,19	4,59
LED660/910-04A, 660/910 nm, 4.5/2.5 mW, 20 mA, ±20°, 5 mm epoxy			o.r.	o.r.
LED660N/940-04A, 660/940 nm, 15.0/5.0 mW, 20 mA, ±20°, 5 mm epoxy			4,24	4,64
LED750/850-04A, 750/850 nm, 15/18 mW, 20 mA, ±20°, 5 mm epoxy			3,48	3,81
LED750/870-04A, 750/870 nm, 15/22 mW, 20 mA, ±20°, 5 mm epoxy			3,97	4,35
LED760/850-04A, 760/850 nm, 15/18 mW, 20 mA, ±20°, 5 mm epoxy			3,48	3,81
LED760/850-05A, 760/850 nm, 24/24 mW, 50 mA, ±40°, flat front surface, 5 mm epoxy			3,97	4,35
LED760/940-04A, 760/940 nm, 15/14 mW, 20 mA, ±20°, 5 mm epoxy			o.r.	o.r.
LED780/850-05A, 780/850 nm, 17/18 mW, 20 mA, ±40°, flat front surface, 5 mm epoxy		50 pcs.	3,78	4,14

LEDS - SELF MONITORING



LED series in TO18 package
with **integrated monitoring photodiode**
3 pins, sealed with flat glass window

custom wavelengths available on request

LEDs SELF MONITORING	Status	MOQ	EUR / pc	USD / pc
LED525-PD010-35D54, 525 nm, 2 mW, 20 mA, monitor PD, ±55°, flat glass window, TO-18			32,80	35,91
LED610-PD010-35D54, 610 nm, 0.8 mW, 20 mA, monitor PD, ±55°, flat glass window, TO-18			32,80	35,91
LED780-PD010-40D52, 780 nm, 12 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18			72,60	79,49
LED810-PD010-40D52, 810 nm, 6 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18			o.r.	o.r.
LED850N-PD010-40D52, 850 nm, 6 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18			18,55	20,31

LEDS - RESONANT CAVITY

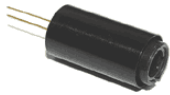


RC-LED (**resonant cavity LED**)
wavelength typ. 650 nm, power 1.0 - 1.5 mW

package: TO-46 flat window, SMD, chip die

LEDs RC 650 nm	Status	MOQ	EUR / pc	USD / pc
RC650-TO46FW, RC-LED, 650 nm, 1.0 mW, 20 mA, 90°, TO-46, flat window			12,00	13,14
RC650-SMD85, RC-LED, 650 nm, 1 mW, SMD 1.6x0.8x0.6 mm			9,45	10,35
RC650-C25R, RC-LED chip die 650 nm, Ø25 µm			o.r.	o.r.

LEDs RC MODULE 650 nm	Status	MOQ	EUR / pc	USD / pc
RC-LED-650-02, 650 nm, RC-LED module, 0.2 mW, 5.5 mrad, tr/τf 3 ns, Ø10x18 mm			51,80	56,72



visible 650 nm RC-LED in anodized aluminium
header with adjustable 3-lens glass collimator

ultra narrow beam, very fast, perfect round spot

LEDS - SMD




SMD LEDs
wavelengths from UV to IR

custom wavelengths and packages available on request


LEDs SMD UV 355 - 400 nm	Status	MOQ	EUR / pc	USD / pc
M5DLS1C1A, warm white, 3000K, 1.3 cd, 20 mA, 120°, SMD 3.2 x 2.8 mm			1,20	1,31
W5DLS1C1A, white, 10000K, 1.9 cd, 20 mA, 120°, PLCC2 SMD 3.2 x 2.8 mm			1,20	1,31
RLCU-355, 353-360 nm, 0.75 mW/sr, 20 mA, 120°, ceramic SMD, 3x2x1 mm			7,22	7,91
360-PLCC2-120, 360 nm, 500 µW, 20 mA, 120°, SMD PLCC, 2.70 x 3.50 x 1.90 mm	EOL		2,64	2,89
XSL-360-SD, 360 nm, 0.9 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm	EOL		4,29	4,70
XSL-365-SD, 365 nm, 1.2 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm	EOL		4,29	4,70
UVLED365-SMD, 365 nm, 3.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm	EOL		2,55	2,79
UVLED365E-SMD, 365 nm, 5.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm			3,39	3,71
RLCU-365, 363-370 nm, 0.78 mW/sr, 20 mA, 120°, ceramic SMD, 3x2x1 mm			6,20	6,79
XSL-370-SD, 370 nm, 2.0 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm	EOL		2,39	2,62
VL370-3228, 370 nm, 2.0-2.5 mW, 20 mA, 120°, SMD 3.6x2.9x0.8 mm	EOL		2,60	2,85
RLS370SMD0805, 370 nm, 1 mW, 20 mA, 120°, SMD 0805	EOL		2,50	2,74
XSL-375-SD, 375 nm, 3.5 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm	EOL		2,73	2,99
RLCU-375, 375-380 nm, 1.5-4.0 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm			4,70	5,15
UVLED375-SMD, 375 nm, 5.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm	EOL		1,79	1,96
UVLED375E-SMD, 375 nm, 13 mW, 20 mA, 100°, SMD 3.0x2.0x0.7 mm			3,20	3,50
RLCU-380, 380-385 nm, typ. 8 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm			3,20	3,50
RLCU-390, 390-395 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm			2,76	3,02
SMC395, 395 nm, 15 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm			3,10	3,39
RLCU-400, 400-405 nm, 4.2-11 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm			3,10	3,39

LEDs SMD VIOLET 405 - 430 nm	Status	MOQ	EUR / pc	USD / pc
SMC405, 405 nm, 15 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm			3,10	3,39
SMT405R, 405 nm, 18 mW, 20 mA, 120°, SMD, 3.5x2.7x1.8 mm			4,13	4,52
RV5-405-SMD, 405 nm, 14 mW, 20 mA, 120°, SMD 3.5x2.8x1.9 mm			1,78	1,95
RLCU-410, 410-415 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm			2,73	2,99


RLCU-415, 415-420 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm		2,64	2,89
SMC420, 420 nm, 15 mW, 20 mA, 120°, ceramic SMD, 3.0x2.0x1.1 mm	500 pcs.	2,35	2,57
RLCU-420, 420-425 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm		2,58	2,82
SMC430, 430 nm, 18 mW, 20 mA, 120°, ceramic SMD, 3.0x2.0x1.1 mm		3,10	3,39
RLCU-430, 425-435 nm, 8 mW, 30 mA, 120°, ceramic SMD, 3x2x1 mm		3,10	3,39
LEDs SMD BLUE 460 - 490 nm	Status	MOQ	EUR / pc USD / pc
RLCU-460, 460 nm, 300 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm			3,15 3,45
SMC470, 470 nm, 3.5 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			2,55 2,79
SMC490, 490 nm, 6.8 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm			4,42 4,84
LEDs SMD GREEN 505 - 565 nm	Status	MOQ	EUR / pc USD / pc
SMC505, 505 nm, 8.0 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm		300 pcs.	2,73 2,99
SMT505, 505 nm, 11 mW, 20 mA, 122°, SMD, 3.5x2.7x1.8 mm		300 pcs.	2,56 2,80
RLCU-525, 525 nm, 450 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm			1,08 1,18
SMC525, 525 nm, 7.5 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm			4,42 4,84
RLCU-545, 545 nm, 900 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm			2,64 2,89
SMC565, 565 nm, 0.1 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			1,15 1,26
LEDs SMD YELLOW 570 nm	Status	MOQ	EUR / pc USD / pc
SMC570, 570 nm, 0.2 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			1,77 1,94
SMT570, 570 nm, 0.3 mW, 20 mA, 110°, SMD, 3.5x2.7x1.8 mm			1,77 1,94
LEDs SMD ORANGE 590 nm	Status	MOQ	EUR / pc USD / pc
SMC590, 590 nm, 3 mW, 20 mA, 110°, SMD, 3.0x2.0x1.1 mm		300 pcs.	2,51 2,75
SMT590, 590 nm, 4 mW, 20 mA, 124°, SMD, 3.5x2.7x1.8 mm		300 pcs.	1,50 1,64
RLCU-590, 590 nm, 400 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm			1,08 1,18
LEDs SMD RED 625 - 700 nm	Status	MOQ	EUR / pc USD / pc
RLCU-625, 625 nm, 400 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm			1,08 1,18
SMC630, 630 nm, 0.2 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			1,77 1,94
SMC660N, 660 nm, 11 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm			1,77 1,94
SMC680, 680 nm, 3 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			4,32 4,73
SMC700, 700 nm, 4.3 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm			5,30 5,80
SMT700, 700 nm, 3 mW, 20 mA, 110°, SMD, 3.5x2.7x1.8 mm			4,59 5,03
LEDs SMD IR 720 - 1650 nm	Status	MOQ	EUR / pc USD / pc
SMC720, 720 nm, 3 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			5,30 5,80
SMT720, 720 nm, 8 mW, 50 mA, 110°, SMD, 3.5x2.7x1.8 mm			4,59 5,03
SMC735, 735 nm, 16 mW, 50 mA, 126°, ceramic SMD, 3.0x2.0x1.1 mm			o.r. o.r.
SMT735, 735 nm, 25 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm			3,89 4,26
SMT735/850, 735/850 nm, 20/24 mW, 50 mA, SMT 2.7x3.5x1.8 mm			6,28 6,88
SMT735D/850D, 735/850 nm, 24/23 mW, 50 mA, SMT 2.7x3.5x1.8 mm			6,28 6,88
ELS-740-994, 740 nm, 6.5 mW, 50 mA, 120°, SMD PLCC 2, TOP LED, 3.5x2.8x1.9 mm			3,90 4,27
SMT750, 750 nm, 14 mW, 50 mA, 110°, SMD, 3.5x2.7x1.8 mm			3,89 4,26
SMT750-23, 750 nm, 20 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm			4,15 4,54
SMC750, 750 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			4,17 4,57
SMC760, 760 nm, 15 mW, 50 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm			o.r. o.r.
SMC770, 770 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			4,59 5,03
SMT770, 735 nm, 26 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm			o.r. o.r.
SMC780, 780 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			4,59 5,03
SMT780-27, 780 nm, 24 mW, 50 mA, 54°, SMD, 3.5x2.7x3.2 mm			3,34 3,66
SMC810, 810 nm, 16 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm			4,24 4,64
ELS-810-638, 810 nm, 1.9 x 2.0 mm ² , 17 mW, 30°, 30 ns, flip chip			7,84 8,58
SMC830, 830 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			4,24 4,64
SMC850, 850 nm, 15 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			2,92 3,20
SMT850N, 850 nm, 22 mW, 50 mA, 124°, SMD, 3.5x2.7x1.8 mm			2,85 3,12
SMT850-23, 850 nm, 22 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm			2,92 3,20
SMC870, 870 nm, 19 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			2,92 3,20
SMT870-23, 870 nm, 22 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm			2,92 3,20
SMC890, 890 nm, 8 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			2,56 2,80
SMC910, 910 nm, 8.2 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm			2,92 3,20
SMC940, 940 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm			1,70 1,86
SMT940-23, 940 nm, 16 mW, 50 mA, 36°, SMD, 3.5x2.7x3.5 mm			1,41 1,54
SMC970, 970 nm, 3.6 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm			1,94 2,12
SMC1050S, 1050 nm, 7.5 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61
SMC1200, 1200 nm, 5 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm			9,36 10,25
SMC1200S, 1200 nm, 6.5 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61
SMC1300, 1300 nm, 3.5 mW, 50 mA, 110°, cer. SMD, 3.0x2.0x1.1 mm			9,36 10,25
SMC1300S, 1300 nm, 6 mW, 50 mA, 138°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61
SMC1450, 1450 nm, 2 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm			9,60 10,51
SMC1450S, 1450 nm, 3 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61
SMT1450, 1450 nm, 2 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm			13,43 14,71
SMC1550, 1550 nm, 1.3 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm			9,36 10,25
SMC1550S, 1550 nm, 2.2 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61
SMC1650S, 1650 nm, 1.7 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm			12,43 13,61

ACCESSORIES FOR SMD3020 LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>PCB boards to get your SMD 3020 LEDs mounted easily!</p> <p>PCB-SMD3020, PCB for SMD 3020 LEDs, Al, white, 15.0x15.0x1.1 mm</p>			5,90	6,46

SMD REFLECTOR LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>surface emitting SMD LED narrow beam, ultra high brightness, high flux, integrated parabolic reflector design, small size</p> <p>base size: 6 x 6 x 3 mm³</p>				
TOLATB004, blue, 460 nm, 27 cd, 20 mA, Vf 3.5V, ±9°	EOL		5,61	6,14
TOLATG004, green, 530 nm, 27 cd, 20 mA, Vf 3.5V, ±9°	EOL		5,61	6,14
TOLATR002, red, 625 nm, 15 cd, 20 mA, Vf 2.1V, ±9°	EOL		5,61	6,14
TOLAIR002A, IR, 880 nm, 300 mW/sr, 100 mA, Vf 1.4V, ±9°	EOL		5,61	6,14

4-PIN / PIRANHA LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>high flux LED series If: 20 mA, +/-45° angle clear epoxy package</p> <p>base size: 7.6 x 7.6 mm²</p>				
3B1S2HCA, blue, 470 nm, 1.0-1.4 cd, 20 mA, Vf <3.6 V, ±45°	EOL		0,40	0,44
3G1S2HCA, green, 522 nm, 2-3 cd, 20 mA, Vf <3.6 V, ±45°	EOL		0,56	0,61
3Y1S2HCA, yellow, 590 nm, 0.7-0.9 cd, 20 mA, Vf <2.1 V, ±45°	EOL		0,22	0,24
3R1S2HCA, red, 622 nm, 0.7-0.9 cd, 20 mA, Vf <2.1 V, ±45°	EOL		0,22	0,24
3RGB13HCA, RGB, 620 / 520 / 460 nm, 2 / 3.5 / 1.25 lm, 3 x 20 mA, ±45°	EOL		0,91	1,00

LEDS - BARE CHIP DIES ↑

 <p>LED BARE CHIP DIES available as bare chip die and on AlN submount</p> <ul style="list-style-type: none"> - chip material: AlGaN based - AlN submount - Output Power up to 75 mW <p>310 - 1720 nm</p>				
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LEDs Bare Chip Dies DEEP-UV 310 - 340 nm	Status	MOQ	EUR / pc	USD / pc
DUV310-CL, 308 ±5 nm, 70 mW, 350 mA, 1000 x 1000 µm, bare chip die			o.r.	o.r.
DUV325-CL, 325 ±5 nm, 62 mW, 350 mA, 1000 x 1000 µm, bare chip die			o.r.	o.r.
DUV340-CL, 340 ±5 nm, 70 mW, 350 mA, 1000 x 1000 µm, bare chip die			o.r.	o.r.

LEDs Bare Chip Dies UV 355 - 395 nm	Status	MOQ	EUR / pc	USD / pc
C355-2SR1, 355 nm, 0.5-1.0 mW, @ 20 mA, size 280 x 280 µm		20 pcs.	15,43	16,89
C360-2SR1, 360 nm, 0.5-1.0 mW, @ 20 mA, size 280 x 280 µm		20 pcs.	14,25	15,60
C365-2SR2, 365 nm, 1.0-1.5 mW, @ 20 mA, size 280 x 280 µm		20 pcs.	10,03	10,98
C365-5SRA, 365 nm, 3.5-5.0 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	11,58	12,68
C365-3SRA3, 365 nm, 15-20 mW, @ 100 mA, size 600 x 600 µm		10 pcs.	17,34	18,99
C370-2SR4, 370 nm, 2.0-2.5 mW, @ 20 mA, size 280 x 280 µm		20 pcs.	9,25	10,13
C370-5SRA, 370 nm, 4.0-5.5 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	10,60	11,61
C370-3SRA4, 370 nm, 20-25 mW, @ 100 mA, size 600 x 600 µm		10 pcs.	15,43	16,89
C375-2SR10, 375 nm, 5.0-5.5 mW, @ 20 mA, size 280 x 280 µm		20 pcs.	8,88	9,72
C375-5SRA, 375 nm, 6.0-7.5 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	10,58	11,58
C375-3SRA6, 375 nm, 30-35 mW, @ 100 mA, size 600 x 600 µm		10 pcs.	15,43	16,89
C385-5SRA, 385 nm, 8.0-9.5 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	9,65	10,57
C385H1-V08B-R1, 385-390 nm, 70-80 mW, 350 mA, <3.8 V, 40 mil, LED chip die, InGaN			6,72	7,36
C385H1-V08B-R2, 395-400 nm, 80-90 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN			5,04	5,52
C395-5SRA, 395 nm, 12-16 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	7,70	8,43
ELC-395-34, 395 nm, 5 mW @ 20 mA, size 331 x 331 µm		100 pcs.	3,12	3,42

LEDs Bare Chip Dies VIS 405 - 700 nm	Status	MOQ	EUR / pc	USD / pc
C405-5SRA, 405 nm, 13-17 mW, @ 20 mA, size 350 x 360 µm		20 pcs.	7,70	8,43
ELC-405-34, 405 nm, 30 mW @ 20 mA, size 331 x 331 µm		100 pcs.	3,12	3,42
C405H1-DZX3D, 400-405 nm, 80-90 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN			3,60	3,94
ELC-410-34, 410 nm, 5 mW @ 20 mA, size 331 x 331 µm		100 pcs.	3,12	3,42
C410H1-D1N3F, 410-415 nm, 120-140 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN			3,30	3,61
ELC-420-34, xxx nm, xx mW @ xx mA, size xxx x xxx µm		100 pcs.	3,12	3,42
C420H1-D1N3F, 420-425 nm, 120-140 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN			2,96	3,24


ELC-430-34, 430 nm, 16 mW @ 20 mA, size 331 x 331 µm	100 pcs.	3,12	3,42	
ELC-455-34, 460 nm, 23 mW @ 20 mA, size 505 x 205 µm	100 pcs.	3,12	3,42	
ELC-470-34, 470 nm, 280 mcd @ 20 mA, size 280 x 310 µm	100 pcs.	3,12	3,42	
ELC-505-34, 505 nm, 400 mcd @ 20 mA, size 381 x 381 µm	100 pcs.	3,12	3,42	
ELC-525-34, 525 nm, 9 mW @ 20 mA, size 380 x 380 µm	100 pcs.	3,12	3,42	
ELC-565-10, 565 nm, 60 mcd @ 20 mA, size 265 x 265 µm	100 pcs.	3,12	3,42	
ELC-572-13, 572 nm, 30 mcd @ 20 mA, size 295 x 295 µm	100 pcs.	3,12	3,42	
ELC-590-13, 590 nm, 200 mcd @ 20 mA, size 265 x 265 µm	100 pcs.	3,12	3,42	
ELC-610-14, 610 nm, 200 mcd @ 20 mA, size 295 x 295 µm	100 pcs.	3,12	3,42	
ELC-630-15, 630 nm, 600 mcd @ 20 mA, size 350 x 350 µm	100 pcs.	3,12	3,42	
ELC-650-24, 650 nm, 1.2 mW @ 20 mA, size 300 x 300 µm	100 pcs.	3,12	3,42	
ELC-660-23-1, 660 nm, 1.8 mW @ 20 mA, size 280 x 280 µm	100 pcs.	3,12	3,42	
ELC-670-25, 670 nm, 2.5 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-690-25, 690 nm, 2.8 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-690-27, 690 nm, 2.8 mW @ 20 mA, size 360 x 360 µm	100 pcs.	3,12	3,42	
ELC-700-25, 700 nm, 3 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
C700-1X1, 700 nm, size 1x1 mm, LED chip die		2,76	3,02	
LEDs Bare Chip Dies VIS 730 - 1720 nm	Status	MOQ	EUR / pc	USD / pc
ELC-730-25, 730 nm, 3 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-740-25, 740 nm, 2.8 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-760-25, 760 nm, 2.5 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-770-25, 770 nm, 2.7 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
ELC-800-25, 800 nm, 4 mW @ 20 mA, size 325 x 325 µm	100 pcs.	3,12	3,42	
C810-1X1, 810 nm, size 1x1 mm, LED chip die		2,54	2,78	
ELC-830-17, 830 nm, 4.5 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-850-27, 830 nm, 6.5 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-870-17-2, 875 nm, 6 mW @ 20 mA, size 360 x 360 µm	100 pcs.	3,12	3,42	
ELC-870-27, 870 nm, 6.5 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-905-17, 905 nm, 4 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-910-17, 910 nm, 8 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-935-17, 935 nm, 2.5 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-970-17, 970 nm, 2 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-980-17-1, 980 nm, 2 mW @ 20 mA, size 365 x 365 µm	100 pcs.	3,12	3,42	
ELC-1020-17, 1020 nm, 3 mW @ 100 mA, size 365 x 365 µm	100 pcs.	5,99	6,56	
C1050H1-S, 1000-1100 nm, 35 mW, 500 mA, <1.3 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
ELC-1060-17-1, 1060 nm, 4 mW @ 50 mA, size 365 x 365 µm	100 pcs.	5,99	6,56	
C1200H1-S, 1150-1250 nm, 39 mW, 500 mA, <1.2 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
ELC-1300-27, 1290 nm, 19.5 mW @ 100 mA, size 350 x 350 µm	100 pcs.	13,00	14,23	
C1300H1-S, 1250-1350 nm, 32 mW, 500 mA, <1.2 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
C1450H1-S, 1400-1500 nm, 20 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
ELC-1460-27, 1450 nm, 3.8 mW @ 20 mA, size: 350 x 350 µm	100 pcs.	13,00	14,23	
ELC-1550-27, 1550 nm, 6.8 mW @ 100 mA, size 350 x 350 µm	100 pcs.	13,00	14,23	
C1550H1-S, 1500-1600 nm, 17 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
ELC-1650-17-1, 1650 nm, 2.5 mW @ 100 mA, size 360 x 360 µm	100 pcs.	7,80	8,54	
ELC-1650-27, 1650 nm, 1.9 mW @ 20 mA, size 350 x 350 µm	100 pcs.	13,00	14,23	
C1650H1-S, 1600-1700 nm, 11 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die		o.r.	o.r.	
ELC-1720-17, 1720 nm, 2.8 mW @ 100 mA, size 360 x 360 µm	100 pcs.	10,40	11,39	

HIGH POWER LEDS - SMD - DEEP UV

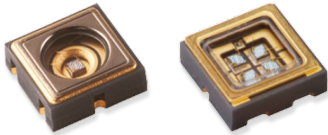


single emitter DEEP-UV LEDs SMD

- reflow solderable
- for industrial processing
- water purification / disinfection / phototherapy
- DNA sequencing, Blood Gas Measurements

SMD High Power LEDs DEEP-UV 255 - 340 nm	Status	MOQ	EUR / pc	USD / pc
255 nm				
UVTOP250H-FW-SMD, 255 ±5 nm, 3.5 mW, 100 mA, ±60°, ceramic SMD 3535, flat window			159,00	174,10
270 nm				
UVR270-SC3, 270 ±5 nm, 3 mW, 50 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens			7,60	8,32
UVR270-SC3P, 270 ±5 nm, 4 mW, 50 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens			9,10	9,96
UVR270-SC12, 270 ±5 nm, 3 mW, 50 mA, ±60°, SMD, 4.5 x 4.5 mm, flat window			7,60	8,32
UVR270-SC12P, 270 ±5 nm, 3 mW, 50 mA, ±60°, SMD on hex. PCB, dia. 21 mm, flat window			9,10	9,96
UVR270-SA3, 270 ±5 nm, 10 mW, 150 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens			8,95	9,80
UVR270-SA3P, 270 ±5 nm, 10 mW, 150 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens			10,20	11,17
UVR270-4F12, 270 ±5 nm, 48 mW, 180 mA, multi chip, ±60°, SMD, 6.0 x 6.0 mm, flat window	EOL		49,10	53,76
275 nm				
GD35R-275Z-F, 270-280 nm, 14 mW, 150 mA, 3535 SMD, flat window			4,20	4,60
UVTOP270-FW-SMD, 275 ±5 nm, 3 mW, 30 mA, ±60°, ceramic SMD 3535, flat window			13,20	14,45
UVTOP270H-FW-SMD, 275 ±5 nm, 11.5 mW, 100 mA, ±63°, ceramic SMD 3535, flat window			24,70	27,05
CUD8AF1C, 275 ±5 nm, 3 mW, 30 mA, ±58°, aluminium SMD, 6.4 x 6.4 mm, flat window			15,13	16,57
CUD8AF1D, 275 ±5 nm, 19 mW, 200 mA, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window			24,65	26,99
CUD8AF4C, 275 ±5 nm, 13 mW, 120 mA, multi chip, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window			65,45	71,66
CUD8AF4D, 275 ±5 nm, 50 mW, 600 mA, multi chip, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window	EOL		89,25	97,72
280 nm				
UVR280-SC3, 280 ±5 nm, 3 mW, 50 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens			7,60	8,32
UVR280-SC3P, 280 ±5 nm, 3 mW, 50 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens			9,10	9,96
UVR280-SC12, 280 ±5 nm, 3 mW, 50 mA, ±60°, SMD, 4.5 x 4.5 mm, flat window			7,60	8,32
UVR280-SC12P, 280 ±5 nm, 3 mW, 50 mA, ±60°, SMD on hex. PCB, dia. 21 mm, flat window			9,10	9,96
UVR280-SA3, 280 ±5 nm, 10 mW, 150 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens			8,95	9,80
UVR280-SA3P, 280 ±5 nm, 10 mW, 150 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens			10,20	11,17
295 nm				
DUV295-SD356LN, 295 ±5 nm, 40 mW, 600 mA, ±16°, ceramic SMD 3535, quartz lens	EOL		145,71	159,54
310 nm				
GD35R-310Z-F, 310-315 nm, 40mA, 3 mW, 3535 SMD, flat window			3,70	4,05
UVTOP305-FW-SMD, 310 ±5 nm, 1.2 mW, 20 mA, ±60°, ceramic SMD 3535			13,77	15,08
UVTOP305H-FW-SMD, 310 ±5 nm, 7 mW, 150 mA, ±60°, ceramic SMD 3535	EOL		21,80	23,87
DUV310-SD351EN, 308 ±5 nm, 16 mW, 100 mA, ±17.5°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV310-SD351EL, 308 ±5 nm, 18 mW, 100 mA, ±30°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV310-SD351EV, 308 ±5 nm, 19 mW, 100 mA, ±60°, ceramic SMD 3535, flat window			121,43	132,96
DUV310-SD353EL, 308 ±5 nm, 47 mW, 350 mA, 65°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV310-SD353EN, 308 ±5 nm, 43 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV310-SD353EV, 308 ±5 nm, 50 mW, 350 mA, 120°, ceramic SMD 3535, flat window			129,52	141,82
CUD1AF1C, 310 ±5 nm, 1.8 mW, 30 mA, ±58°, aluminium SMD, 6.4 x 6.4 mm, flat window			16,66	18,24
CUD1AF4D, 310 ±5 nm, 20 mW, 600 mA, ±60°, multi chip, aluminium SMD, 6.4 x 6.4 mm, flat window			88,74	97,17
325 nm				
DUV325-SD351EN, 325 ±5 nm, 13 mW, 100 mA, ±17.5°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV325-SD351EL, 325 ±5 nm, 14 mW, 100 mA, ±30°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV325-SD351EV, 325 ±5 nm, 14 mW, 100 mA, ±60°, ceramic SMD 3535, flat window			121,43	132,96
DUV325-SD353EL, 325 ±5 nm, 45 mW, 350 mA, 65°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV325-SD353EN, 325 ±5 nm, 41 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV325-SD353EV, 325 ±5 nm, 47 mW, 350 mA, 120°, ceramic SMD 3535, flat window			129,52	141,82
340 nm				
DUV340-SD351EN, 340 ±5 nm, 14 mW, 100 mA, ±15°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV340-SD351EL, 340 ±5 nm, 14 mW, 100 mA, ±27.5°, ceramic SMD 3535, quartz lens			137,00	150,01
DUV340-SD351EV, 340 ±5 nm, 14 mW, 100 mA, ±60°, ceramic SMD 3535, flat window			121,43	132,96
DUV340-SD353EL-01, 340 ±5 nm, 65 mW, 350 mA, 65°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV340-SD353EL, 340 ±5 nm, 44 mW, 350 mA, 65°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV340-SD353EN-01, 340 ±5 nm, 60 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV340-SD353EN, 340 ±5 nm, 41 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens			145,71	159,54
DUV340-SD353EV-01, 340 ±5 nm, 70 mW, 350 mA, 120°, ceramic SMD 3535, flat window			129,52	141,82
DUV340-SD353EV, 340 ±5 nm, 44 mW, 350 mA, 120°, ceramic SMD 3535, flat window			129,52	141,82
ACCESSORIES FOR SMD3535 LEDs				
 <p>Copper PCB boards for DUV3xx LEDs</p>				
SD35-PCB, PCB for DUV-SD35 series, 15 x 20 x1.0 mm			6,50	7,12

HIGH POWER LEDs - SMD - UV

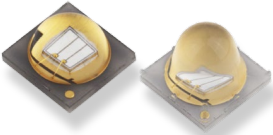


high power UV-LED
 - ceramic SMD package
 - integrated Zener diode (ESD protection)
 - glass window

365 nm - 385 nm

SMD High Power LEDs UV 365 - 385 nm	Status	MOQ	EUR / pc	USD / pc
UVLED-365-750-SMD, 365 nm, typ. 750 mW, 500 mA, Vf typ. 3.8 V, 120°, 6.8 x 6.8 x 2.1 mm			21,90	23,98
UVLED-385-800-SMD, 385 nm, typ. 800 mW, 500 mA, Vf typ. 3.6 V, 120°, 6.8 x 6.8 x 2.1 mm			19,95	21,84
UVLED-385-1200-SMD, 385 nm, typ. 1.2 mW, 500 mA, Vf typ. 14.8 V, 120°, 6.8x6.8x1.84 mm			60,00	65,70
UVLED-385-2400-SMD, 385 nm, typ. 2.4 W, 500 mA, Vf typ. 14.8 V, 120°, 6.8x6.8x1.84 mm	EOL		73,50	80,48

SMD High Power LEDs UV - BLUE 365 - 420 nm	Status	MOQ	EUR / pc	USD / pc
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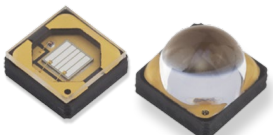


single emitter high power UV-LED
 - ceramic SMD package
 - high thermal conductivity
 - silicone dome lens

365 nm - 420 nm

CUN66A1F, 365 nm, 420 mW, 250 mA, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm			o.r.	o.r.
CUN66A1B, 365 nm, 1000 mW, 500 mA, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm			7,99	8,75
CUN66B1B, 365 nm, 1000 mW, 500 mA, Vf typ. 3.6 V, 45°, 3.5 x 3.5 x 2.8 mm			7,99	8,75
CUN66A1G, 365 nm, 1850 mW, 1 A, Vf typ. 3.7 V, 120°, 3.5 x 3.5 x 2.0 mm			8,33	9,12
CUN66B1G, 365 nm, 1850 mW, 1 A, Vf typ. 3.7 V, 65°, 3.5 x 3.5 x 2.8 mm			7,91	8,66
CUN86A1B, 385 nm, 1200 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			11,05	12,10
CUN86B1B, 385 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm			10,54	11,54
CUN86A1G, 385 nm, 2150 mW, 1 A, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm			o.r.	o.r.
CUN86B1G, 385 nm, 2050 mW, 1 A, Vf typ. 3.6 V, 65°, 3.5 x 3.5 x 2.8 mm			o.r.	o.r.
CUN96A1B, 395 nm, 1250 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			6,89	7,54
CUN96B1B, 395 nm, 1250 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm			6,89	7,54
CUN96A1G, 395 nm, 2100 mW, 1 A, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			o.r.	o.r.
CUN96B1G, 395 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 65°, 3.5 x 3.5 x 2.8 mm			o.r.	o.r.
CUN06A1B, 405 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			4,90	5,37
CUN06B1B, 405 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm			6,89	7,54
CUN06A1G, 405 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			6,92	7,58
CUN06B1G, 405 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 65°, 3.5 x 3.5 x 2.8 mm			6,92	7,58
CUN26A1B, 420 nm, 1000 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm			6,89	7,54
CUN26B1B, 420 nm, 1040 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm			5,87	6,43

SMD High Power LEDs UV - VIOLET 365 - 405 nm	Status	MOQ	EUR / pc	USD / pc
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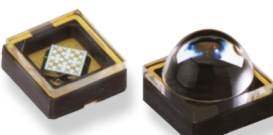


single emitter high power UV-LED
 - ceramic SMD package
 - high thermal conductivity
 - silicone lens

365 nm - 405 nm

CUN6GF1A, 365 nm, 1400 mW, 1 A, ±60°, flat window, 3.7V, 3.5 x 3.5 x 1.1 mm	EOL		15,05	16,48
CUN6GB1A, 365 nm, 1400 mW, 1 A, ±30°, 3.7V, dome lens, 3.5 x 3.5 x 2.5 mm			17,51	19,17
CUN8GF1A, 385 nm, 1650 mW, 1 A, ±60°, 3.6V, flat window, 3.5 x 3.5 x 1.1 mm			14,79	16,19
CUN8GB1A, 385 nm, 1650 mW, 1 A, ±30°, 3.6V, dome lens, 3.5 x 3.5 x 2.5 mm			15,64	17,12
CUN9GF1A, 395 nm, 1700 mW, 1 A, ±60°, flat window, 3.5 x 3.5 x 1.1 mm			15,13	16,57
CUN9GB1A, 395 nm, 1700 mW, 1 A, ±30°, 3.5V, dome lens, 3.5 x 3.5 x 2.5 mm			14,28	15,64
CUN0GF1A, 405 nm, 1600 mW, 1 A, ±60°, flat window, 3.5 x 3.5 x 1.1 mm			15,64	17,12
CUN0GB1A, 405 nm, 1630 mW, 1 A, ±30°, dome lens, 3.5 x 3.5 x 2.5 mm			15,13	16,57

SMD High Power LEDs UV - VIOLET 365 - 405 nm	Status	MOQ	EUR / pc	USD / pc
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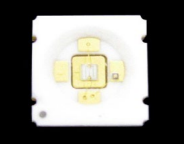



single emitter high power UV-LED
 - ceramic SMD package
 - integrated Zener diode (ESD protection)
 - glass lens

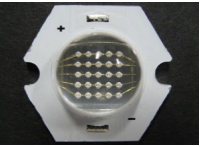
365 nm - 405 nm

UVLED-365-NV2, 365 nm, 1430 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm			29,95	32,79
UVLED-365-NV2D, 365 nm, 1430 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm			32,55	35,64
UVLED-385-NV2, 385 nm, 1730 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm			28,35	31,04
UVLED-385-NV2D, 385 nm, 1730 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm	EOL		32,55	35,64
UVLED-395-NV2, 395 nm, 1400 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm			28,35	31,04
UVLED-405-NV2, 405 nm, 1400 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm			28,35	31,04
UVLED-405-NV2D, 405 nm, 1400 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm			32,55	35,64

SMD High Power LEDs UV - VIOLET 365 - 405 nm		Status	MOQ	EUR / pc	USD / pc
	high power UV-LED - aluminium SMD package - integrated ESD protection - UV transparent flat window 365 nm - 405 nm				
CUN6AF1B, 365 nm, 690 mW, 500 mA, $\pm 60^\circ$, 3.8V, flat window, aluminium SMD, 6.4x6.4x1.4 mm				17,85	19,54
CUN8AF4A, 385 nm, 3.75 W, 1 A, Vf typ. 7.4 V, multi chip, 110° , 6.35 x 6.35 x 1.4 mm				28,73	31,46
CUN9AF4A, 395 nm, 3.75 W, 1 A, Vf typ. 7.4 V, multi chip, 110° , 6.35 x 6.35 x 1.4 mm		EOL		32,98	36,11
CUN0AF1B, 405 nm, 850 mW, 500 mA, 3.6 V, 110° , flat window, aluminium SMD, 6.3x6.3x1.4 mm		EOL		12,75	13,96
SMD High Power LEDs UV - VIOLET 365 - 405 nm		Status	MOQ	EUR / pc	USD / pc
	4 chip emitter high power UV-LED - aluminium SMD package - glass window - highest output power 365 nm - 405 nm				
CUN6HF4A, 365 nm, 4.3 W, 3 A, Vf typ. 3.7 V, multi chip, 115° , 6.8 x 6.8 x 1.0 mm		EOL		51,60	56,50
SMD High Power LEDs UV - VIOLET 365 - 405 nm		Status	MOQ	EUR / pc	USD / pc
	single emitter high power UV-LED - ceramic SMD package - integrated Zener diode (ESD protection) - glass window - highest output power				
UVLED-365-NV3B, 365 nm, 4900 mW, 3.5 A, $\pm 60^\circ$, 6.8 x 6.8 x 1.9 mm				179,00	195,99
UVLED-385-NV3B, 385 nm, 5500 mW, 3.5 A, $\pm 60^\circ$, 6.8 x 6.8 x 1.9 mm				179,00	195,99
SMD High Power LEDs UV - VIOLET 365 - 405 nm		Status	MOQ	EUR / pc	USD / pc
	single emitter high power UV-LED - ceramic SMD package - integrated ESD protection - silicon resin lens 365 nm - 405 nm				
UVLED-365-NV1, 365 nm, 780 mW, 500 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm				12,50	13,69
UVLED-375-NV1, 375 nm, 1160 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm				6,25	6,84
UVLED-385-NV1, 385 nm, 1340 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm				6,25	6,84
UVLED-395-NV1, 395 nm, 1340 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm				6,25	6,84
UVLED-405-NV1, 405 nm, 1420 mW, 700 mA, $\pm 70^\circ$, 3.5 x 3.5 x 1.23 mm				6,25	6,84
SMD High Power LEDs UV - VIOLET 365 - 405 nm		Status	MOQ	EUR / pc	USD / pc
	single emitter high power UV-LED - ceramic SMD package - integrated ESD protection - silicon resin 365 nm - 405 nm				
UVLED-365-NC2, 365 nm, 150 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm				3,75	4,11
UVLED-375-NC2, 375 nm, 275 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm				3,75	4,11
UVLED-385-NC2, 385 nm, 350 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm				3,75	4,11
UVLED-395-NC2, 395 nm, 360 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm				3,75	4,11
UVLED-405-NC2, 405 nm, 370 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm				3,75	4,11
SMD High Power LEDs UV - IR 365 - 1050 nm		Status	MOQ	EUR / pc	USD / pc
	high radiation intensity surface mount LED on AlN ceramics submount, silver plated soldering pads, lead free solderable, RoHs compliant, T_{op} -40 ... +85 °C				
RLCU-440-365, 365-370 nm, 40-90 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				64,60	70,73
RLCU-440-380, 380-385 nm, 90-160 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				32,80	35,91
RLCU-440-390, 390-395 nm, 130-260 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				23,90	26,17
RLCU-440-400, 400-405 nm, 190-310 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				20,40	22,34
RLCU-440-410, 410-415 nm, typ.250 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				28,50	31,21
RLCU-440-415, 415-420 nm, typ.250 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm				28,50	31,21
RLCU-440-720, 720 nm, 30-50 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm				12,00	13,14
RLCU-440-880, 880 nm, 20-30 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm				12,00	13,14
RLCU-440-970, 970 nm, typ.9 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm				22,80	24,96
RLCU-440-1020, 1020 nm, typ.17 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm				29,70	32,52
RLCU-440-1050, 1050 nm, 59 mW, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm				29,70	32,52


SMD High Power LEDs UV 370 - 400 nm		Status	MOQ	EUR / pc	USD / pc
	high power UV-LED series hermetic ceramic SMD package UV resistant silicone mold integrated zener diode ESD protection				
VL370-5050, 370 nm, 20-30 mW, 350 mA, Vf typ. 4.0-4.2 V, 120°, 5.0 x 5.0 x 1.0 mm		EOL		11,05	12,10
VL400-5050, 400 nm, 100-110 mW, 350 mA, Vf typ. 3.5-3.8 V, 120°, 5.0 x 5.0 x 1.0 mm		EOL		10,95	11,99
SMD High Power LEDs UV 375 - 400 nm		Status	MOQ	EUR / pc	USD / pc
	high power UV-LED series hermetic ceramic SMD package UV resistant silicone mold integrated zener diode ESD protection low operation current				
XRL-375-SD, 375 nm, 48 mW, 100 mA, 1 chip, 120°, ceramic SMD, 4.2 x 4.2 x 1.3 mm				49,80	54,53
XHL-375-SD, 375 nm, 95 mW, 80 mA, 4 chips, 125°, ceramic SMD, 4.2 x 4.2 x 1.3 mm				49,00	53,65
XHL-400-SD, 400 nm, 150 mW, 80 mA, 4 chips, 125°, ceramic SMD, 4.2 x 4.2 x 1.3 mm				36,60	40,07

SMD High Power LEDs UV - BLUE 380 - 440 nm		Status	MOQ	EUR / pc	USD / pc
	high power single chip UV-LED series hermetic ceramic emitter package UV resistant silicone mold				
VL380-EMITTER, 380 nm, 200-300 mW, 350 mA, Vf typ. 3.0-4.0 V, 140°				18,00	19,71
VL390-EMITTER, 390 nm, 200-300 mW, 350 mA, Vf typ. 3.0-4.0 V, 140°				17,00	18,61
VL400-EMITTER, 400 nm, 300-400 mW, 350 mA, Vf typ. 3.0-4.0 V, 140°				16,00	17,52
RV5-EMITTER-1W, 405 nm, 250 mW, 350 mA, Vf <4.0 V, 140°				5,10	5,58
RV5-EMITTER-3W, 405 nm, 400 mW, 700 mA, Vf <4.5 V, 140°				5,49	6,01
VL410-EMITTER, 410 nm, 300-400 mW, 350 mA, Vf typ. 3.0-4.0 V, 140°				15,00	16,42
VL440-EMITTER, 440 nm, 400-500 mW, 350 mA, Vf typ. 3.0-4.0 V, 140°				14,00	15,33

SMD High Power LEDs UV 365 - 385 nm		Status	MOQ	EUR / pc	USD / pc
	high power multi-chip UV-LED series hermetic ceramic SMD package UV resistant silicone mold size: Ø19.9 x 7.9 mm				
XML-365-SD, 365 nm, 200 mW, 300 mA, 25 chips, ceramic SMD, 19.9 x 7.9 mm				121,00	132,49
XML-385-SD, 385 nm, 1000 mW, 300 mA, 25 chips, ceramic SMD, 19.9 x 7.9 mm				175,00	191,61

SMB1N HIGH POWER LEDs - SMD



	1 W high power LED series, power chip technology chip size 1 x 1 mm ² , mounted on copper heat sink PA9T SMD package, 5.0 x 5.2 mm silicone / epoxy mold 365 nm - 1900 nm				
SMB1N SMD High Power LEDs BROADBAND		Status	MOQ	EUR / pc	USD / pc
SMB1N-BB450, 400-1000 nm, 300 mW, 500 mA, <4.5 V, 130°, 5.0x5.2x1.0 mm				18,28	20,02
SMB1N-BB450-02, 400-1000 nm, 300 mW, 500 mA, <4.5 V, 20°, 5.0x5.2x5.5 mm				20,50	22,45
SMB1N SMD High Power LEDs UV 365 - 395 nm		Status	MOQ	EUR / pc	USD / pc
SMB1N-365V, 365 nm, 500 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm				14,89	16,30
SMB1N-365V-02, 365 nm, 500 mW, 500 mA, <4.5 V, 20°, 5.0x5.2x5.5 mm				16,45	18,01
SMB1N-375V, 375 nm, 560 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm				12,29	13,46
SMB1N-375V-02, 375 nm, 560 mW, 500 mA, <4.5 V, 20°, Zener diode, 5.0x5.2x5.5 mm				13,67	14,97
SMB1N-385V, 385 nm, 720 mW, 500 mA, <3.9 V, 122°, Zener diode, 5.0x5.2x1.0 mm				13,41	14,68
SMB1N-385V-02, 385 nm, 1000 mW, 500 mA, <3.9 V, 20°, Zener diode, 5.0x5.2x5.5 mm				15,20	16,64
SMB1N-395V, 395 nm, 750 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm				9,82	10,75
SMB1N-395V-02, 395 nm, 750 mW, 500 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm				11,42	12,50

SMB1N SMD High Power LEDs VIS 405 - 700 nm	Status	MOQ	EUR / pc	USD / pc
SMB1N-405V, 405 nm, 710 mW, 500 mA, <4.2 V, 126°, 5.0x5.2x1.0 mm			9,82	10,75
SMB1N-405V-02, 405 nm, 710 mW, 500 mA, <4.2 V, 22°, 5.0x5.2x5.5 mm			11,42	12,50
SMB1N-H415, 415 nm, 300 mW, 350 mA, <4.5 V, 124°, 5.0x5.2x1.0 mm		36 pcs.	7,78	8,52
SMB1N-H415-02, 415 nm, 300 mW, 350 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm		36 pcs.	9,44	10,34
SMB1N-420H, 420 nm, 420 mW, 350 mA, <3.8 V, 126°, 5.0x5.2x1.0 mm			7,80	8,54
SMB1N-420H-02, 420 nm, 420 mW, 350 mA, <3.8 V, 20°, Zener diode, 5.0x5.2x5.5 mm			9,45	10,35
SMB1N-430H, 430 nm, 500 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm			7,80	8,54
SMB1N-430H-02, 430 nm, 500 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm			9,45	10,35
SMB1N-435V, 435 nm, 800 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm			15,45	16,92
SMB1N-435V-02, 435 nm, 800 mW, 500 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm		36 pcs.	17,11	18,73
SMB1N-D450, 450 nm, 480 mW, 350 mA, <4.0 V, 130°, 5.0x5.2x1.0 mm			8,55	9,36
SMB1N-D450-02, 450 nm, 480 mW, 350 mA, <4.0 V, 20°, 5.0x5.2x5.5 mm			10,20	11,17
SMB1N-D470, 470 nm, 400 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm			8,55	9,36
SMB1N-D470-02, 470 nm, 400 mW, 350 mA, <3.8 V, 20°, 5.0x5.2x5.5 mm			10,20	11,17
SMB1N-490H, 490 nm, 240 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm			8,55	9,36
SMB1N-490H-02, 490 nm, 240 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm			10,20	11,17
500 nm				
SMB1N-515V, 515 nm, 230 mW, 350 mA, <3.6 V, 126°, 5.0x5.2x1.0 mm			8,45	9,25
SMB1N-515V-02, 515 nm, 250 mW, 350 mA, <3.6 V, 18°, 5.0x5.2x5.5 mm			10,65	11,66
SMB1N-D520, 520 nm, 250 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm			6,80	7,45
SMB1N-D520-02, 520 nm, 250 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm			10,20	11,17
SMB1N-525V, 525 nm, 230 mW, 350 mA, <3.6 V, 126°, 5.0x5.2x1.0 mm			8,45	9,25
SMB1N-525V-02, 525 nm, 230 mW, 350 mA, <3.6 V, 22°, 5.0x5.2x5.5 mm			10,65	11,66
SMB1N-550H, 550 nm, 100 mW, 350 mA, <3.4 V, 130°, 5.0x5.2x1.0 mm	NEW		12,95	14,18
SMB1N-550H-02, 550 nm, 100 mW, 350 mA, <3.4 V, ~20°, 5.0x5.2x5.5 mm	NEW		15,45	16,92
SMB1N-590, 590 nm, 120 mW, 350 mA, <3.0 V, 126°, 5.0x5.2x1.0 mm			10,55	11,55
SMB1N-590-02, 590 nm, 120 mW, 350 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm			10,55	11,55
600 nm				
SMB1N-620D, 620 nm, 190 mW, 350 mA, <2.7 V, 128°, 5.0x5.2x1.0 mm			8,26	9,04
SMB1N-620-02, 620 nm, 190 mW, 350 mA, <2.7 V, 20°, 5.0x5.2x5.5 mm	EOL		9,15	10,02
SMB1N-620D-02, 620 nm, 190 mW, 350 mA, <2.7 V, 20°, 5.0x5.2x5.5 mm			10,43	11,42
SMB1N-D630, 630 nm, 330 mW, 350 mA, <2.8 V, 126°, 5.0x5.2x1.0 mm			8,35	9,14
SMB1N-D630-02, 630 nm, 290 mW, 350 mA, <2.8 V, 18°, 5.0x5.2x5.5 mm			10,55	11,55
SMB1N-D660N, 660 nm, 320 mW, 350 mA, <3.0 V, 126°, 5.0x5.2x1.0 mm			7,35	8,05
SMB1N-D660N-02, 660 nm, 320 mW, 350 mA, <3.0 V, 20°, 5.0x5.2x5.5 mm			9,55	10,46
SMB1N-670D, 670 nm, 520 mW, 600 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-670D-02, 670 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm			11,75	12,87
SMB1N-680-02, 680 nm, 170 mW, 600 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm	EOL		9,74	10,66
SMB1N-680D, 680 nm, 520 mW, 600 mA, <3.0 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-680D-02, 680 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm			13,05	14,29
SMB1N-690D, 690 nm, 520 mW, 600 mA, <3.0 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-690D-02, 690 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm			11,75	12,87

SMB1N SMD High Power LEDs IR 700 - 1650 nm	Status	MOQ	EUR / pc	USD / pc
SMB1N-700, 700 nm, 120 mW, 500 mA, <2.7V, 130°, 5.0x5.2x1.0 mm	EOL		8,41	9,21
SMB1N-700D, 700 nm, 200 mW, 500 mA, <2.3 V, 128°, 5.0x5.2x1.0 mm			9,54	10,45
SMB1N-700D-02, 700 nm, 200 mW, 500 mA, <2.3 V, 20°, 5.0x5.2x5.5 mm			11,76	12,88
SMB1N-720, 720 nm, 170 mW, 600 mA, <2.8 V, 130°, 5.0x5.2x1.0 mm	EOL		9,80	10,73
SMB1N-720D, 720 nm, 520 mW, 600 mA, <2.4 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-720D-02, 720 nm, 520 mW, 600 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm		36 pcs.	12,25	13,41
SMB1N-735, 735 nm, 200 mW, 600 mA, <2.3 V, 130°, 5.0x5.2x1.0 mm	EOL		9,55	10,46
SMB1N-735-02, 735 nm, 200 mW, 600 mA, <2.3 V, 22°, 5.0x5.2x5.5 mm	EOL		11,75	12,87
SMB1N-740D, 740 nm, 290 mW, 600 mA, <2.4 V, 130°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-740D-02, 740 nm, 290 mW, 600 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm			11,75	12,87
SMB1N-750, 750 nm, 290 mW, 800 mA, <2.4 V, 126°, 5.0x5.2x1.0 mm	EOL		9,55	10,46
SMB1N-750-02, 750 nm, 290 mW, 800 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm	EOL		11,75	12,87
SMB1N-750D, 750 nm, 700 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm			9,54	10,45
SMB1N-750D-02, 750 nm, 700 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm		36 pcs.	11,76	12,88
SMB1N-760D, 760 nm, 400 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-760D-02, 760 nm, 400 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm			11,75	12,87
SMB2N-760D-I, 760 nm, 800 mW, 800 mA, <5.0 V, 2 chip dies, isolated, 5.0x5.2x1.0 mm		50 pcs.	13,32	14,58
SMB3N-760D-I, 760 nm, 800 mA, 3 chip dies, isolated, 5.0x5.2x1.0 mm		50 pcs.	19,99	21,89
SMB1N-770D, 770 nm, xxx mW, xxx mA, <x.x V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-770D-02, 770 nm, xxx mW, xxx mA, <x.x V, 18°, 5.0x5.2x1.0 mm			11,76	12,88
SMB1N-770, 770 nm, 290 mW, 800 mA, <2.5 V, 130°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-770-02, 770 nm, 290 mW, 800 mA, <2.5 V, 20°, 5.0x5.2x5.5 mm			11,75	12,87
SMB1N-780D, 780 nm, 650 mW, 800 mA, <2.6 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-780D-02, 780 nm, 650 mW, 800 mA, <2.6 V, 20°, 5.0x5.2x5.5 mm			11,75	12,87
SMB2N-780D-I, 780 nm, 800 mW, 800 mA, <5.2 V, 2 chip dies, isolated, 5.0x5.2x1.0 mm			o.r.	o.r.
800 nm				
SMB1N-800D, 800 nm, 450 mW, 800 mA, <2.6 V, 128°, 5.0x5.2x1.0 mm			9,55	10,46
SMB1N-800D-02, 800 nm, 450 mW, 800 mA, <2.6 V, 18°, 5.0x5.2x5.5 mm			11,75	12,87
SMB1N-810D, 810 nm, 560 mW, 800 mA, <2.5 V, 126°, 5.0x5.2x1.0 mm			10,65	11,66
SMB1N-810D-02, 810 nm, 560 mW, 800 mA, <2.5 V, 20°, 5.0x5.2x5.5 mm			12,90	14,12
SMB1N-830N, 830 nm, 280 mW, 800 mA, <2.2 V, 128°, 5.0x5.2x1.0 mm			8,90	9,74
SMB1N-830N-02, 830 nm, 340 mW, 800 mA, <2.2 V, 18°, 5.0x5.2x5.5 mm			10,90	11,93
SMB1N-850D, 850 nm, 780 mW, 1 A, <2.5 V, 130°, 5.0x5.2x1.0 mm			8,65	9,47
SMB1N-850D-02, 850 nm, 630 mW, 1 A, <2.5V, 22°, 5.0x5.2x5.5 mm			10,90	11,93
SMB1N-850DS, 850 nm, 1.4 W, 1 A, <4.2 V, 128°, 5.0x5.2x1.0 mm			13,65	14,95
SMB1N-850DS-02, 850 nm, 1.4 W, 1 A, <4.2V, 20°, 5.0x5.2x5.5 mm		36 pcs.	15,85	17,35
SMB2N-850D-I, 850 nm, 1.2 W, 1 A, Vf <4.8V, 122°, 2 chip dies, 5.0x5.2x1.0 mm			17,15	18,78
SMB3N-850D-I, 850 nm, 1.8 W, 1 A, <7.2 V, 120°, 3 chip dies, 5.0x5.2x1.0 mm			24,40	26,72
SMB1N-870, 870 nm, 440 mW, 1 A, <2.0 V, 130°, 5.0x5.2x1.0 mm	EOL		8,90	9,74

SMB1N-880, 880 nm, 320 mW, 800 mA, <2.2 V, 128°, 5.0x5.2x1.0 mm			8,90	9,74
SMB1N-880D, 880 nm, 610 mW, 800 mA, <2.5 V, 130°, 5.0x5.2x1.0 mm			10,65	11,66
SMB1N-880D-02, 880 nm, 610 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm			12,90	14,12
SMB1N-890D, 890 nm, 590 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x5.5 mm		36 pcs.	10,66	11,67
SMB1N-890D-02, 890 nm, 590 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm		36 pcs.	12,88	14,10
SMB1N-890DS, 890 nm, 1.4 W, 1 A, <4.0 V, 128°, 5.0x5.2x1.0 mm			13,65	14,95
SMB1N-890DS-02, 890 nm, 1.4 W, 1 A, <4.0 V, 20°, 5.0x5.2x5.5 mm			15,85	17,35
900 nm				
SMB1N-910D, 910 nm, 850 mW, 1 A, <2.5 V, 126°, 5.0x5.2x1.0 mm			8,65	9,47
SMB1N-910D-02, 910 nm, 850 mW, 1 A, <2.5 V, 20°, 5.0x5.2x5.5 mm			10,87	11,90
SMB1N-940-02, 940 nm, 120 mW, 500 mA, <1.8 V, 24°, 5.0x5.2x1.0 mm	EOL		9,30	10,18
SMB1N-940D, 940 nm, 630 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm			8,65	9,47
SMB1N-940D-02, 940 nm, 630 mW, 1 A, <1.8 V, 20°, 5.0x5.2x5.5 mm			10,90	11,93
SMB1N-940DS, 940 nm, 1.3 W, 1 A, <3.8 V, 128°, 5.0x5.2x1.0 mm			13,65	14,95
SMB1N-940DS-02, 940 nm, 1.3 W, 1 A, <3.8 V, 20°, 5.0x5.2x5.5 mm			15,85	17,35
SMB1N-970-02, 970 nm, 30 mW, 400 mA, <1.7 V, 20°, 5.0x5.2x5.5 mm	EOL		7,75	8,49
SMB1N-970D, 970 nm, 780 mW, 1 A, <2.5 V, 130°, 5.0x5.2x1.0 mm			9,10	9,96
SMB1N-970D-02, 970 nm, 780 mW, 1 A, <2.5 V, 20°, 5.0x5.2x5.5 mm		36 pcs.	11,30	12,37
SMB1N-980D, 980 nm, 400 mW, 800 mA, <2.0 V, 128°, 5.0x5.2x1.0 mm			9,10	9,96
SMB1N-980D-02, 980 nm, 400 mW, 800 mA, <2.0 V, 20°, 5.0x5.2x5.5 mm			11,35	12,43
1000 nm				
SMB1N-1050, 1050 nm, 35 mW, 500 mA, <1.65 V, 134°, 5.0x5.2x1.0 mm	EOL		27,80	30,44
SMB1N-1050-02, 1050 nm, 35 mW, 500 mA, <1.65 V, 20°, 5.0x5.2x5.5 mm	EOL		27,80	30,44
SMB1N-1050D, 1050 nm, 160 mW, 1 A, <2.2 V, 128°, 5.0x5.2x1.0 mm		36 pcs.	42,05	46,04
SMB1N-1050D-02, 1050 nm, 200 mW, 1 A, <2.2 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1050GD, 1050 nm, 700 mW at 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm			48,08	52,64
SMB1N-1050GD-02, 1050 nm, 750 mW at 1 A, <1.8 V, 20°, 5.0x5.2x5.5 mm			52,27	57,23
SMB1N-1100D, 1100 nm, 280 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm		36 pcs.	42,05	46,04
SMB1N-1100D-02, 1100 nm, 350 mW, 1 A, <1.8 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1150D, 1150 nm, 210 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm			42,05	46,04
SMB1N-1150D-02, 1150 nm, 260 mW, 1 A, <1.8 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1200-02, 1200 nm, 35 mW, 500 mA, <1.4 V, 18°, 5.0x5.2x5.5 mm	EOL		27,80	30,44
SMB1N-1200S, 1200 nm, 50 mW at 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm			40,22	44,04
SMB1N-1200D, 1200 nm, 180 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm		36 pcs.	42,05	46,04
SMB1N-1200D-02, 1200 nm, 220 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1300L, 1300 nm, 25 mW, 500 mA, <1.4 V, 134°, 5.0x5.2x1.0 mm	EOL		21,60	23,65
SMB1N-1300S, 1300 nm, 45 mW at 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm			40,22	44,04
SMB1N-1300S-02, 1300 nm, 45 mW at 500 mA, <1.4 V, 20°, 5.0x5.2x5.5 mm			41,76	45,72
SMB1N-1300D, 1300 nm, 160 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm		36 pcs.	42,05	46,04
SMB1N-1300D-02, 1300 nm, 200 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1450D, 1450 nm, 72 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm			42,05	46,04
SMB1N-1450D-02, 1450 nm, 90 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1550S, 1550 nm, 20 mW, 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm			32,20	35,26
SMB1N-1550D, 1550 nm, 50 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm			43,65	47,79
SMB1N-1550D-02, 1550 nm, 62 mW, 1 A, <1.7 V, 20°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1650S, 1650 nm, 16 mW at 500 mA, <1.5 V, 136°, 5.0x5.2x1.0 mm			40,22	44,04
SMB1N-1650-02, 1650 nm, 16 mW, 500 mA, <1.5 V, 20°, 5.0x5.2x5.5 mm	EOL		27,80	30,44
SMB1N-1650D, 1650 nm, 36 mW, 1 A, <1.6 V, 128°, 5.0x5.2x1.0 mm		36 pcs.	42,05	46,04
SMB1N-1650D-02, 1650 nm, 45 mW, 1 A, <1.6 V, 18°, 5.0x5.2x5.5 mm			43,65	47,79
SMB1N-1900D, 1900 nm, 27 mW, 1 A, <1.6 V, 128°, 5.0x5.2x1.0 mm	NEW	36 pcs.	41,90	45,88
SMB1N-1900D-02, 1900 nm, 30 mW, 1 A, <1.6 V, 18°, 5.0x5.2x5.5 mm	NEW		44,20	48,40

SMB1C HIGH POWER LEDs - SMD



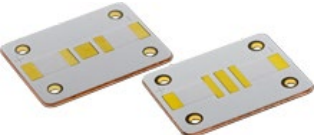

1 W high power LED series, power chip technology
chip size 1 x 1 mm², mounted on copper heat sink
Ceramic SMD package, 3.45 x 3.45 mm
silicone resin

365 nm - 1650 nm

SMB1C SMD High Power LEDs UV 365 - 395nm	Status	MOQ	EUR / pc	USD / pc
SMB1C-365V, 365 nm, 850 mW, 500 mA, <4.5 V, 120°, 3.45x3.45x2.06 mm		50 pcs.	15,78	17,28
SMB1C-365V-S5, 365 nm, 850 mW, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm		50 pcs.	15,78	17,28
SMB1C-375V, 375 nm, 560 mW, 500 mA, <4.5 V, 122°, 3.45x3.45x2.06 mm		50 pcs.	12,85	14,07
SMB1C-375V-S5, 375 nm, 560 mW, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm		50 pcs.	12,85	14,07
SMB1C-385V, 385 nm, 1.1 W, 500 mA, <3.9 V, 120°, 3.45x3.45x2.06 mm		50 pcs.	12,85	14,07
SMB1C-385V-S5, 385 nm, 1.1 W, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm		50 pcs.	12,85	14,07
SMB1C-395V, 395 nm, 750 mW, 500 mA, <4.5 V, 114°, 3.45x3.45x2.06 mm		50 pcs.	10,81	11,84
SMB1C-395V-S5, 395 nm, 750 mW, 500 mA, <4.5 V, 74°, 3.45x3.45x2.80 mm		50 pcs.	10,81	11,84


SMB1C SMD High Power LEDs VIS 405 - 700 nm	Status	MOQ	EUR / pc	USD / pc
SMB1C-405V, 405 nm, 710 mW, 500 mA, <4.2 V, 122°, 3.45x3.45x2.06 mm		50 pcs.	10,81	11,84
SMB1C-405V-S5, 405 nm, 710 mW, 500 mA, <4.2 V, 74°, 3.45x3.45x2.80 mm		50 pcs.	10,81	11,84
SMB1C-435V, 435 nm, 3.45x3.45x2.06 mm		1000 pcs.	10,03	10,98
SMB1C-435V-S5, 435 nm, 3.45x3.45x2.80 mm		1000 pcs.	10,03	10,98
SMB1C-450V, 450 nm, 850 mW, 500 mA, <4.5 V, 130°, 3.45x3.45x2.06 mm			o.r.	o.r.
SMB1C-525V, 525 nm, 230 mW, 350 mA, <3.6 V, 130°, 3.45x3.45x2.06 mm		50 pcs.	9,75	10,68
SMB1C-525V-S5, 525 nm, 230 mW, 350 mA, <3.6 V, 74°, 3.45x3.45x2.80 mm		50 pcs.	9,75	10,68
SMB1C-590D, 590 nm, 120 mW, 1 A, <3.0 V, 124°, 3.45x3.45x2.06 mm		50 pcs.	9,75	10,68
SMB1C-590D-S5, 590 nm, 3.45x3.45x2.80 mm		50 pcs.	9,75	10,68
SMB1C-620D, 620 nm, 190 mW, 350 mA, 126°, 3.45x3.45x2.06 mm		50 pcs.	9,75	10,68
SMB1C-620D-S5, 620 nm, 3.45x3.45x2.80 mm		50 pcs.	9,75	10,68


SMB1C-630V, 630 nm, 270 mW, 350 mA, <2.8 V, 124°, 3.45x3.45x2.06 mm	50 pcs.	9,75	10,68		
SMB1C-630V-S5, 630 nm, 270 mW, 350 mA, <2.8 V, 78°, 3.45x3.45x2.80 mm	50 pcs.	9,75	10,68		
SMB1C-660D, 660 nm, 320 mW, 350 mA, <3.0 V, 128°, 3.45x3.45x2.06 mm	50 pcs.	8,78	9,61		
SMB1C-660D-S5, 660 nm, 320 mW, 350 mA, <3.0 V, 82°, 3.45x3.45x2.80 mm	50 pcs.	8,78	9,61		
SMB1C-680D, 680 nm, 520 mW, 600 mA, <3.0 V, 122°, 3.45x3.45x2.06 mm	50 pcs.	10,74	11,76		
SMB1C-680D-S5, 680 nm, 520 mW, 600 mA, <3.0 V, 78°, 3.45x3.45x2.80 mm	50 pcs.	10,74	11,76		
SMB1C-690D, 690 nm, 520 mW, 600 mA, <3.0 V, 128°, 3.45x3.45x2.06 mm	50 pcs.	10,74	11,76		
SMB1C-690-S5, 690 nm, 520 mW, 600 mA, <3.0 V, 82°, 3.45x3.45x2.80 mm	50 pcs.	10,74	11,76		
SMB1C SMD High Power LEDs IR 700 - 1650 nm		Status	MOQ	EUR / pc	USD / pc
SMB1C-700D, 700 nm, 200 mW, 500 mA, <2.3 V, 128°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-700D-S5, 700 nm, 200 mW, 500 mA, <2.3 V, 80°, 3.45x3.45x2.80 mm	50 pcs.		10,74	11,76	
SMB1C-720, 720 nm, 170 mW, 600 mA, <2.8 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		10,92	11,96	
SMB1C-720-S5, 720 nm, 170 mW, 600 mA, <2.8 V, 82°, 3.45x3.45x2.80 mm	50 pcs.		10,92	11,96	
SMB1C-740D, 740 nm, 290 mW, 600 mA, <2.4 V, 130°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-740D-S5, 740 nm, 290 mW, 600 mA, <2.4 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		10,74	11,76	
SMB1C-750, 750 nm, 122°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-750-S5, 750 nm, 290 mW, 800 mA, <2.4 V, 78°, 3.45x3.45x2.80 mm			10,58	11,58	
SMB1C-750D, 750 nm, 700 mW, 800 mA, <2.5 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		10,59	11,60	
SMB1C-750D-S5, 750 nm, 700 mW, 800 mA, <2.5 V, 84°, 3.45x3.54x2.80 mm	50 pcs.		10,58	11,58	
SMB1C-760D, 760 nm, 400 mW, 800 mA, <2.5 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-760D-S5, 760 nm, 400 mW, 800 mA, <2.5 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		10,74	11,76	
SMB1C-780D, 780 nm, 500 mW, 800 mA, <2.6 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-780D-S5, 780 nm, 500 mW, 800 mA, <2.6 V, 82°, 3.45x3.45x2.80 mm	50 pcs.		10,74	11,76	
800 nm					
SMB1C-800D, 800 nm, 450 mW, 800 mA, <2.6 V, 124°, 3.45x3.45x2.06 mm	50 pcs.		10,74	11,76	
SMB1C-800D-S5, 800 nm, 450 mW, 800 mA, <2.6 V, 82°, 3.45x3.45x2.80 mm	50 pcs.		10,74	11,76	
SMB1C-810D, 810 nm, 520 mW, 800 mA, <2.5 V, 124°, 3.45x3.45x2.06 mm	50 pcs.		11,69	12,80	
SMB1C-810DS, 810 nm, 1.2 W, 1 A, <4.2 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		14,33	15,69	
SMB1C-810D-S5, 810 nm, 520 mW, 800 mA, <2.5 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		11,69	12,80	
SMB1C-810DS-S5, 810 nm, 1.2 W, 1 A, <4.2 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		14,33	15,69	
SMB1C-830N, 830 nm, 340 mW, 800 mA, <2.2 V, 128°, 3.45x3.45x2.06 mm	50 pcs.		10,12	11,08	
SMB1C-830N-S5, 830 nm, 340 mW, 800 mA, <2.2 V, 78°, 3.45x3.45x2.06 mm	50 pcs.		10,12	11,08	
SMB1C-850D, 850 nm, 780 mW, 1 A, <1.9 V, 120°, 3.45x3.45x2.06 mm	50 pcs.		9,95	10,89	
SMB1C-850DS, 850 nm, 1.4 W, 1 A, <4.2 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		14,33	15,69	
SMB1C-850D-S5, 850 nm, 780 mW, 1 A, <1.9 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		9,95	10,89	
SMB1C-850DS-S5, 850 nm, 1.4 W, 1 A, <4.2 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		14,33	15,69	
SMB1C-880D, 880 nm, 610 mW, 800 mA, 124°, 3.45x3.45x2.06 mm	50 pcs.		11,69	12,80	
SMB1C-880D-S5, 880 nm, 610 mW, 800 mA, 78°, 3.45x3.45x2.80 mm	50 pcs.		11,69	12,80	
SMB1C-890DS, 890 nm, 1.4 W, 1 A, <4.0 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		14,33	15,69	
SMB1C-890DS-S5, 890 nm, 1.4 W, 1 A, <4.0 V, 80°, 3.45x3.45x2.80 mm	50 pcs.		14,33	15,69	
900 nm					
SMB1C-910D, 910 nm, 850 mW, 1 A, <2.5 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		9,95	10,89	
SMB1C-910D-S5, 910 nm, 850 mW, 1 A, <2.5 V, 82°, 3.45x3.45x2.80 mm	50 pcs.		9,95	10,89	
SMB1C-940D, 940 nm, 630 mW, 1 A, <1.8 V, 122°, 3.45x3.45x2.06 mm	50 pcs.		9,95	10,89	
SMB1C-940DS, 940 nm, 1.3 W, 1 A, <3.8 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		14,33	15,69	
SMB1C-940D-S5, 940 nm, 630 mW, 1 A, <1.8 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		9,95	10,89	
SMB1C-940DS-S5, 940 nm, 1.3 W, 1 A, <3.8 V, 76°, 3.45x3.45x2.80 mm	50 pcs.		14,33	15,69	
SMB1C-970D, 970 nm, 780 mW, 1 A, <2.5 V, 136°, 3.45x3.45x2.06 mm	50 pcs.		10,32	11,30	
SMB1C-970D-S5, 970 nm, 780 mW, 1 A, <2.5 V, 84°, 3.45x3.45x2.80 mm	50 pcs.		10,32	11,30	
SMB1C-980D, 980 nm, 400 mW, 800 mA, <2.0 V, 134°, 3.45x3.45x2.06 mm	50 pcs.		10,32	11,30	
SMB1C-980D-S5, 980 nm, 400 mW, 800 mA, <2.0 V, 76°, 3.45x3.45x2.80 mm	50 pcs.		10,32	11,30	
1000 nm					
SMB1C-1050D, 1050 nm, 200 mW, 1 A, <2.2 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1050D-S5, 1050 nm, 200 mW, 1 A, <2.2 V, 88°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1050GD, 1050 nm, 750 mW, 1 A, <1.8 V, 122°, 3.45x3.45x2.06 mm	50 pcs.		46,97	51,43	
SMB1C-1050GD-S5, 1050 nm, 750 mW, 1 A, <1.8 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		46,97	51,43	
SMB1C-1050S, 1050 nm, 52 mW, 500 mA, <1.65 V, 152°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1050S-S5, 1050 nm, 52 mW, 500 mA, <1.65 V, 92°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1100D, 1100 nm, 350 mW, 1 A, <1.8 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1100D-S5, 1100 nm, 350 mW, 1 A, <1.8 V, 80°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1100S, 1100 nm, 52 mW, 500 mA, <1.65 V, 152°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1100S-S5, 1100 nm, 52 mW, 500 mA, <1.65 V, 92°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1150D, 1150 nm, 260 mW, 1 A, <1.8 V, 132°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1150D-S5, 1150 nm, 260 mW, 1 A, <1.8 V, 80°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1150S, 1150 nm, 50 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1150S-S5, 1150 nm, 50 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1200D, 1200 nm, 220 mW, 1 A, <1.7 V, 126°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1200D-S5, 1200 nm, 220 mW, 1 A, <1.7 V, 84°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1200S, 1200 nm, 50 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1200S-S5, 1200 nm, 50 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1300D, 1300 nm, 200 mW, 1 A, <1.7 V, 136°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1300D-S5, 1300 nm, 200 mW, 1 A, <1.7 V, 86°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1300S, 1300 nm, 45 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1300S-S5, 1300 nm, 45 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1450D, 1450 nm, 90 mW, 1 A, <1.7 V, 136°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1450D-S5, 1450 nm, 90 mW, 1 A, <1.7 V, 88°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1450S, 1450 nm, 25 mW, 500 mA, <1.4 V, 136°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1450S-S5, 1450 nm, 25 mW, 500 mA, <1.4 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1550D, 1550 nm, 62 mW, 1 A, <1.7 V, 134°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1550D-S5, 1550 nm, 62 mW, 1 A, <1.7 V, 90°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1550S, 1550 nm, 20 mW, 500 mA, <1.4 V, 136°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1550S-S5, 1550 nm, 20 mW, 500 mA, <1.4 V, 78°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	
SMB1C-1650D, 1650 nm, 45 mW, 1 A, <1.6 V, 134°, 3.45x3.45x2.06 mm	50 pcs.		43,50	47,63	
SMB1C-1650D-S5, 1650 nm, 45 mW, 1 A, <1.6 V, 90°, 3.45x3.45x2.80 mm	50 pcs.		43,50	47,63	

SMB1C-1650S, 1650 nm, 16 mW, 500 mA, <1.5 V, 146°, 3.45x3.45x2.06 mm	50 pcs.	43,50	47,63
SMB1C-1650S-S5, 1650 nm, 16 mW, 500 mA, <1.5 V, 90°, 3.45x3.45x2.80 mm	50 pcs.	43,50	47,63
ACCESSORIES for SMBxN LEDs		Status	MOQ
 <p>PCB boards to get your SMB LEDs mounted easily! Available for SMB1W and SMB1N series size: 17 x 23 mm</p>		EUR / pc	USD / pc
SMB1N-PCB, PCB for SMB1N series, 17 x 23 mm		5,76	6,31
SMB1C-PCB, PCB for SMB1C series, 17 x 23 mm		5,76	6,31
 <p>Taped Lens for SMB LEDs Clear Lens with holder, taped for easy mounting. Optical grade PMMA with high temperature resistance (105°C) size: Ø16.1 x 10.1 mm</p>			
SMB-LENS, 10 degree FWHM, PMMA, Ø16.1 x 10.1 mm		9,87	10,81

GD35 HIGH POWER LEDS - SMD




 <p>Ceramic 3535 SMD package High power 1x1 mm² chip Silicone resin dome lens PCBs available</p>			
GD35 SMD High Power LEDs UV - IR 370 - 1330 nm		Status	MOQ
UV			
GD35X-370-DL, 370 nm, 350 mA, 600 mW, 3535 SMD, dome lens		3,90	4,27
GD35X-380-DL, 380 nm, 350 mA, 600 mW, 3535 SMD, dome lens		3,30	3,61
GD35X-390-DL, 390 nm, 350 mA, 600 mW, 3535 SMD, dome lens		3,30	3,61
GD35X-400-DL, 400 nm, 350 mA, 500 mW, 3535 SMD, dome lens		3,30	3,61
VIS			
GD35V-445-DL, 445 nm, 350 mA, 10 lm, 3535 SMD, dome lens		2,80	3,07
GD35V-465-DL, 465 nm, 350 mA, 30 lm, 3535 SMD, dome lens		2,80	3,07
GD35V-480-DL, 480 nm, 350 mA, 55 lm, 3535 SMD, dome lens		4,20	4,60
GD35V-495-DL, 495 nm, 350 mA, 90 lm, 3535 SMD, dome lens		4,60	5,04
GD35V-525-DL, 525 nm, 350 mA, 120 lm, 3535 SMD, dome lens		2,80	3,07
GD35V-590-DL, 590 nm, 350 mA, 50 lm, 3535 SMD, dome lens		2,80	3,07
GD35V-625-DL, 625 nm, 350 mA, 65 lm, 3535 SMD, dome lens		4,20	4,60
GD35V-655-DL, 655 nm, 350 mA, 25 lm, 3535 SMD, dome lens		4,20	4,60
GD35V-675-DL, 675 nm, 350 mA, 10 lm, 3535 SMD, dome lens		4,20	4,60
IR			
GD35N-735-DL, 735 nm, 350 mA, 250 mW, 3535 SMD, dome lens		4,60	5,04
GD35N-845-DL, 845 nm, 350 mA, 250 mW, 3535 SMD, dome lens		4,25	4,65
GD35N-945-DL, 945 nm, 350 mA, 250 mW, 3535 SMD, dome lens		5,40	5,91
GD35N-1045-DL, 1045 nm, 350 mA, 200 mW, 3535 SMD, dome lens		11,90	13,03
GD35N-1330-DL, 1330 nm, 350 mA, 70 mW, 3535 SMD, dome lens		16,10	17,63

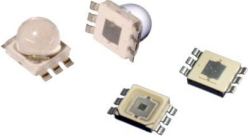
ACCESSORIES for GD35 LEDs		Status	MOQ
 <p>Aluminium PCB boards for GD35 LEDs</p>		EUR / pc	USD / pc
GD35-PCB-8, PCB for GD35 series, aluminium, round, Ø 8 x 1 mm		1,20	1,31
GD35-PCB-10, PCB for GD35 series, aluminium, round, Ø 10 x 1 mm		1,20	1,31
GD35-PCB-14, PCB for GD35 series, aluminium, round, Ø 14 x 1 mm		1,20	1,31
GD35-PCB-20, PCB for GD35 series, aluminium, hexagonal, Ø 20 x 1.5 mm		1,20	1,31

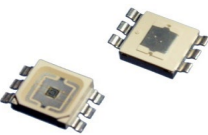
GD65 HIGH POWER LEDS - SMD

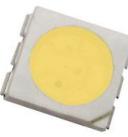



 <p>Ceramic 6565 SMD package 4 x high power 1x1 mm² chip Silicone resin dome lens PCBs available</p>			
UV			
GD65X-365M-DL, 365 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens		17,20	18,83
GD65X-385M-DL, 385 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens		12,40	13,58
GD65X-395M-DL, 395 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens		12,40	13,58


ACCESSORIES for GD65 LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>Copper PCB boards for GD65 LEDs</p> <p>GD65-PCB-20, PCB for GD65 series, copper, hexagonal, Ø 20 x 1.5 mm</p>			2,90	3,18


SMB1W SMD High Power LEDs IR 700 - 1650 nm	Status	MOQ	EUR / pc	USD / pc
 <p>1 W high power LED series, power chip technology, chip size 1 x 1 mm², mounted on copper heat sink into a hermetic ceramic SMD package, with leads flat or with lens 395 nm - 940 nm available</p> <p>base size: 5.0 x 5.0 mm, silicone / epoxy mold</p>				
SMB1W-395R, 395 nm, 100 mW, 200 mA, <4.5 V, 126°	EOL		19,44	21,29
SMB1W-470-04, 470 nm, 170 mW, 250 mA, <3.8 V, 36°	EOL		14,14	15,48
SMB1W-490R, 490 nm, 160 mW, 250 mA, <4.1 V, 126°	EOL		12,37	13,54
SMB1W-525R, 525 nm, 55 mW, 200 mA, <3.8 V, 120°	EOL		12,37	13,54
SMB1W-670R, 675 nm, 200 mW, 600 mA, <2.0V, 124°	EOL		11,49	12,58
SMB1W-680R-I, 680 nm, 90 mW, 500 mA, <2.7 V, 124°, isolated	EOL		12,37	13,54
SMB1W-700-02, 700 nm, 90 mW, 500 mA, <2.7 V, 22°	EOL		9,19	10,06
SMB1W-700-04, 700 nm, 90 mW, 500 mA, <2.7 V, 48°	EOL		9,19	10,06
SMB1W-700-04-I, 700 nm, 90 mW, 500 mA, <2.7 V, 48°, isolated	EOL		14,14	15,48
SMB1W-750-04, 750 nm, 330 mW, 800 mA, <2.5 V, 42°	EOL		12,55	13,74
SMB1W-760-I, 760 nm, 330 mW, 800 mA, <2.5 V, 124°, isolated	EOL		11,66	12,77
SMB1W-760-04-I, 760 nm, 330 mW, 800 mA, <2.5 V, 48°, isolated	EOL		13,43	14,71
SMB1W-770R, 770 nm, 330 mW, 800 mA, <2.5V, 124°	EOL		11,66	12,77
SMB1W-770-04, 770 nm, 330 mW, 800 mA, <2.5V, 42°	EOL		12,55	13,74
SMB1W-780-02, 780 nm, 330 mW, 800 mA, <2.5 V, 22°	EOL		12,90	14,12
SMB1W-780-04-I, 780 nm, 330 mW, 800 mA, <2.5 V, 48°, isolated	EOL		13,43	14,71
SMB1W-850, 850 nm, 430 mW, 1.0 A, <2.5 V, 132°	EOL		9,90	10,84
SMB1W-850D, 850 nm, 600 mW, 1.0 A, <2.9 V, 126°	EOL		9,90	10,84
SMB1W-850D-04, 850 nm, 630 mW, 1.0 A, <2.5 V, 38°	EOL		11,49	12,58
SMB1W-870, 870 nm, 430 mW, 1.0 A, <2.5 V, 132°	EOL		9,90	10,84
SMB1W-870-I, 870 nm, 230 mW, 600 mA, <2.1 V, 132°, isolated	EOL		10,78	11,80
SMB1W-880R-I, 880 nm, 320 mW, 800 mA, <2.2 V, 132°, isolated	EOL		12,37	13,54
SMB1W-880-04-I, 880 nm, 320 mW, 800 mA, <2.2 V, 42°, isolated	EOL		12,55	13,74
SMB1W-940-04-I, 940 nm, 110 mW, 500 mA, <1.65 V, 50°, isolated	EOL		8,48	9,29


SMB3W SMD High Power LEDs IR 700 - 1650 nm	Status	MOQ	EUR / pc	USD / pc
 <p>high power LED series, power chip technology multi chip LEDs, mounted on copper heat sink into a hermetic ceramic SMD package 395 nm - 1050 nm available, different lenses available</p> <p>base size: 5.0 x 5.0 mm², silicone / epoxy mold</p>				
SMB3W-420/525/640R-I, 420/525/640 nm, 115/60/110 mW, 300 mA, 124°, triple LED, isolated	EOL		44,53	48,76


High Power TOP SMD LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>high power multi-chip SMD LED series 3 chips inside If: 3x 20 mA, +/-60° angle</p> <p>► PHASE OUT</p>				
WTFH01DS, white, 3 cd, 3x20 mA, Vf 3.2V, ±60°, 6.0 x 5.0 x 1.7 mm	EOL		2,29	2,51
GNFH01TS, green, 523 nm, 1.3 cd, 3x20 mA, Vf 3.2V, ±60°, 6.0 x 5.0 x 1.7 mm	EOL		1,33	1,46
OMFH01TS, red, 626 nm, 540 mcd, 3x20 mA, Vf 2.3V, ±60°, 6.0 x 5.0 x 1.7 mm	EOL		1,00	1,09


ENHANCED POWER EP20 LEDs	Status	MOQ	EUR / pc	USD / pc
 <p>high power LED series, 1 power chip inside, If: 150 mA</p> <p>size: 15.6 x 11,2 mm² base, 10.0 x 14.10 mm dome</p> <p>► PHASE OUT</p>				
EP2012-150A1, yellow, 590 nm, 35 cd, 150 mA, ±10°	EOL		6,16	6,74
EP204K-150B1, blue, 470 nm, 1.5 cd, 150 mA, ±50°	EOL		6,16	6,74


FAT HIGH POWER NARROW BEAM THREADED LEDs		Status	MOQ	EUR / pc	USD / pc
	<p>ultra narrow beam angle power LED series 5° and 10° viewing angle, 1 power chip, clear epoxy package, square beam, no dark beam center from bonding wire, fast switching (30/40ns) M12 x 1 thread package</p>				
JET-635-05, 635 nm, 110 mW, 500 mA, 5°, M12x1 thread				44,00	48,18
JET-635-10, 635 nm, 205 mW, 500 mA, 10°, M12x1 thread				44,00	48,18
JET-660-05, 655 nm, 135 mW, 500 mA, 5°, M12x1 thread				44,00	48,18
JET-660-07, 655 nm, 350 mA, 7-9°, M12x1 thread				44,00	48,18
JET-685-05, 680 nm, 70 mW, 700 mA, 5°, M12x1 thread				44,00	48,18
JET-685-10, 680 nm, 88 mW, 700 mA, 10°, M12x1 thread				44,00	48,18
JET-730-05, 730 nm, 70 mW, 500 mA, 5°, M12x1 thread				44,00	48,18
JET-730-10, 730 nm, 130 mW, 500 mA, 10°, M12x1 thread				44,00	48,18
JET-800-10, 800 nm, 90 mW, 500 mA, 10°, M12x1 thread				44,00	48,18
JET-870-05, 870 nm, 90 mW, 500 mA, 5°, M12x1 thread				44,00	48,18
JET-870-10, 870 nm, 90 mW, 500 mA, 10°, M12x1 thread				44,00	48,18


ELJ HIGH POWER NARROW BEAM THREADED LEDs		Status	MOQ	EUR / pc	USD / pc
	<p>narrow beam power LED series, 1 power chip, clear aspheric plastic lens, round beam M10 x 1.5 thread package, metal case available viewing angle: 10, 20, 40 and 85° further wavelengths available on request</p>				
ELJ-465-627, 465 nm, 45 mW / 35 cd / 2.75 lm, 350 mA, 3.3 V, 15°		EOL		27,20	29,78
ELJ-525-627, 525 nm, 70 mW, 500 mA, 20°		EOL		32,55	35,64
ELJ-750-629, 750 nm, 200 mW, / 1.8 W/sr, 1 A, 2.0 V, tr/ff 60 ns, 20°		EOL		27,20	29,78
ELJ-810-629, 810 nm, 110 mW, / 980 mW/sr, 1 A, 2.0 V, tr/ff 75 ns, 15°		EOL		27,20	29,78
ELJ-830-649, 830 nm, 280 mW, / 850 mW/sr, 1 A, <2.4 V, 35°		EOL		27,20	29,78
ELJ-850-629, 850 nm, 280 mW, / 2.0 W/sr, 1 A, 2.0 V, tr/ff 15/20 ns, 20°		EOL		27,20	29,78
ELJ-870-619, 870 nm, 220 mW, / 2.5 W/sr, 1 A, <2.3 V, 13°		EOL		27,20	29,78

APG2Cx HIGH POWER EMITTER LEDs		Status	MOQ	EUR / pc	USD / pc
	<p>high power LED emitter typ. 1 Watt electrical power base diameter 7.4 mm, height 6.87 mm package color: black or white silicone lens</p>				
HP803NW, white, typ. 6000 K, 130-160 lm, 700 mA, Vf 4.0 V, 120°		EOL		6,75	7,39
APG2C3-NW, white, typ. 6000 K, 150-170 lm, 700 mA, Vf 4.0 V, 120°		EOL		6,75	7,39
APG2C3-WW, warm white, typ. 3300 K, 140-160 lm, 700 mA, Vf 4.0 V, 120°		EOL		6,75	7,39
APG2C1-375, 375 nm, 55 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		18,00	19,71
APG2C1-375-E, 375 nm, 200 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		21,00	22,99
APG2C1-385, 385 nm, 60 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		16,70	18,29
APG2C1-385-R2, 385 nm, 320 mW, 350 mA, Vf 3.6 V, ±75°, silicone lens		EOL		17,90	19,60
APG2C1-395, 395 nm, 55 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		16,00	17,52
APG2C1-405, 405 nm, 105 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		14,50	15,88
APG2C1-410, 410 nm, 125 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		7,93	8,68
APG2C1-410-R2, 410 nm, 400 mW, 350 mA, Vf <3.9 V, ±75°, silicone lens		EOL		13,00	14,23
APG2C1-420, 420 nm, 130 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens		EOL		7,93	8,68
APG2C1-435, 435 nm, 380 mW, 350 mA, Vf 3.5 V, ±75°		EOL		7,93	8,68
APG2C1-450, 450 nm, 430 mW, 350 mA, Vf 3.1 V, ±75°		EOL		7,93	8,68
APG2C3-460, 470 nm, 20-30 lm, 700 mA, Vf 4.0 V, 120°		EOL		6,75	7,39
APG2C3-470, 470 nm, 20-40 lm, 700 mA, Vf 3.6 V, 120°		EOL		6,75	7,39
APG2C1-470, 470 nm, 200 mW, 350 mA, Vf 3.3 V, ±75°		EOL		7,93	8,68
APG2C3-470, 470 nm, 20-40 lm, 700 mA, Vf 3.6 V, 120°		EOL		6,75	7,39
APG2C1-480, 480 nm, 16-18cd, 350 mA, Vf 3.3 V, ±75°		EOL		7,93	8,68
APG2C1-490, 490 nm, 130 mW, 350 mA, Vf 3.3 V, ±75°		EOL		7,93	8,68
APG2C1-505, 505 nm, 130 mW, 350 mA, Vf 3.5 V, ±75°		EOL		7,93	8,68
APG2C1-515, 515 nm, 150 mW, 350 mA, Vf 3.3 V, ±75°		EOL		7,93	8,68
HP803PG, pure green, 530 nm, 80-110 lm, 700 mA, Vf 3.8 V, 120°		EOL		6,75	7,39
APG2C3-530, 530 nm, 90-120 lm, 700 mA, Vf 4.0 V, 120°		EOL		6,75	7,39
APG2C1-650, 650 nm, 60 mW, 350 mA, Vf 2.1 V, ±75°		EOL		7,93	8,68
APG2C1-660, 660 nm, 60 mW, 350 mA, Vf 2.1 V, ±75°		EOL		7,93	8,68
APG2C1-670, 670 nm, 60 mW, 350 mA, Vf 2.0 V, ±75°		EOL		7,93	8,68
APG2C5-670, 670 nm, typ. 250-300 mW, 2 A, ±75°, lambertian epoxy lens		EOL		26,00	28,47
APG2C1-680, 680 nm, 60 mW, 350 mA, Vf 2.0 V, ±75°		EOL		7,93	8,68
APG2C5-670, 670 nm, typ. 250-300 mW, 2 A, ±75°, lambertian epoxy lens		EOL		26,00	28,47
APG2C5-680, 680 nm, typ. 550 mW, 2 A, ±75°, lambertian epoxy lens		EOL		26,00	28,47
APG2C1-760, 760 nm, 70 mW, 350 mA, Vf 1.9 V, ±75°		EOL		7,93	8,68
APG2C1-780, 780 nm, 70 mW, 350 mA, Vf 1.7 V, ±75°		EOL		7,93	8,68
APG2C1-830, 830 nm, 70 mW, 350 mA, Vf 1.5 V, ±75°		EOL		7,93	8,68
APG2C1-850, 850 nm, 90 mW, 350 mA, Vf 1.5 V, ±75°		EOL		7,93	8,68
APG2C1-880, 880 nm, 90 mW, 350 mA, Vf 1.5 V, ±75°		EOL		7,93	8,68
APG2C1-905, 905 nm, 70 mW, 350 mA, Vf 1.3 V, ±75°		EOL		7,93	8,68

APG2C1-920, 920 nm, 80 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$	EOL		7,93	8,68	
APG2C1-940, 940 nm, 50 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$	EOL		7,93	8,68	
APG2C1-970, 970 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		7,93	8,68	
APG2C1-1020, 1020 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		28,30	30,99	
APG2C1-1030, 1030 nm, 60 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		28,30	30,99	
APG2C1-1050, 1050 nm, 50 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		28,30	30,99	
ACCESSORIES FOR APG2Cx EMITTER LEDs		Status	MOQ	EUR / pc	USD / pc
	<p>PCB boards to get your EMITTER package LEDs mounted easily! Aluminium base, HTCD thermally conductive dielectric, copper circuit foil: 35 μm, white solder mask surface finish, Pb-free, RoHS compliant</p> <p>size: 19 x 19.9 x 1.5 mm</p>				
PCB-STAR, PCB for High Power Emitter LEDs, white, hexagonal, 19.9x19.9x1.5 mm			1,20	1,31	


H2Ax HIGH POWER HEXAGONAL LEDs	Status	MOQ	EUR / pc	USD / pc
	<p>1 W high power LED series, diverse wavelengths, power chip technology, chip size 1 x 1 mm², lambertian high dome lens diameter: 20 mm, mechanical compatible with many collimating lenses</p> <p>► PHASE OUT</p>			
H2A3-WW, warm white, typ. 3300 K, 140-160 lm, 700 mA, Vf 4.0 V, 120°	EOL		7,20	7,88
H2A1-H395, 395 nm, 55 mW, 350 mA, Vf 3.7 V, $\pm 75^\circ$, silicone lens	EOL		16,50	18,07
H2A1-H410-R2, 410 nm, 400 mW, 350 mA, Vf <3.9 V, $\pm 75^\circ$, silicone lens	EOL		13,50	14,78
H2A1-H420, 420 nm, 130 mW, 350 mA, Vf 3.7 V, $\pm 75^\circ$, silicone lens	EOL		8,79	9,62
LXHL-MB1D, 470 nm, 10 lm, 350 mA, $\pm 60^\circ$	EOL		12,00	13,14
H2A1-H480, 480 nm, 16-18 cd, 350 mA, Vf 3.3 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H490, 490 nm, 130 mW, 350 mA, Vf 3.3 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H505, 505 nm, 130 mW, 350 mA, Vf 3.5 V, $\pm 75^\circ$	EOL		8,79	9,62
LXHL-ME1D, 505 nm, 30 lm, 350 mA, $\pm 60^\circ$	EOL		12,00	13,14
H2A1-H650, 650 nm, 40 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H660, 660 nm, 60 mW, 350 mA, Vf 2.1 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H680, 680 nm, 60 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H720, 720 nm, 70 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H780, 780 nm, 70 mW, 350 mA, Vf 1.7 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H810, 810 nm, 90 mW, 350 mA, Vf 1.8 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H830, 830 nm, 70 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H850, 850 nm, 90 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$	EOL		8,79	9,62
H2W5-850, 850 nm, 550 mW, 2 A, Vf typ. 2.0 V, $\pm 75^\circ$, lambertian high dome lens	EOL		35,00	38,32
H2W5-870, 870 nm, 550 mW, 2 A, Vf typ. 2.0 V, $\pm 75^\circ$, lambertian high dome lens	EOL		30,00	32,85
H2A1-H880, 880 nm, 90 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H920, 920 nm, 80 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H970, 970 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		8,79	9,62
H2A1-H1020, 1020 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$	EOL		28,80	31,53


HIGH POWER LUXEON FLASH LED	Status	MOQ	EUR / pc	USD / pc
				
LXCL-PWF1, white, typ. 53 lm, 1 A pulse, $\pm 60^\circ$	EOL		5,96	6,53


H11A1 HIGH POWER LEDs	Status	MOQ	EUR / pc	USD / pc
	<p>high power LED, 20 mm diameter aluminium disk package, 1x1 mm² LED chip size 1 Watt electrical power available viewing angles: 30°, 60° or 120°</p> <p>► PHASE OUT</p>			
H11A1-HR-30, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 30°	EOL		3,23	3,54
H11A1-660-30, 660 nm, 20-25 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-690-60, 690 nm, 25-30 mW, 350 mA, viewing angle 60°	EOL		5,70	6,24
H11A1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-780-30, 780 nm, 110 mW, 500 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-850-30, 850 nm, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-920-30, 920 nm, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30°	EOL		5,70	6,24
H11A1-940-120, 940 nm, 25-30 mW, 350 mA, viewing angle 120°	EOL		5,70	6,24
H11A1-970-30, 970 nm, 350 mA, viewing angle 30°	EOL		5,70	6,24


C11A1 HIGH POWER LEDs		Status	MOQ	EUR / pc	USD / pc
	high power LED, 11 mm diameter aluminium disk package, 1x1 mm ² LED chip size 1 Watt electrical power available viewing angles: 30°, 60° or 120°				
	► PHASE OUT				
C11A1-HU-30, 395-405 nm, 15-20 mW, 350 mA, viewing angle 30°		EOL		5,55	6,08
C11A1-HU-60, 395-405 nm, 15-20 mW, 350 mA, viewing angle 60°		EOL		5,55	6,08
C11A1-HU-120, 395-405 nm, 15-20 mW, 350 mA, viewing angle 120°		EOL		5,55	6,08
C11A1-HW-30, white, 20 cd, 350 mA, viewing angle 30°		EOL		4,98	5,45
C11A1-HW-60, white, 20 cd, 350 mA, viewing angle 60°		EOL		4,98	5,45
C11A1-HW-120, white, 20 cd, 350 mA, viewing angle 120°		EOL		4,98	5,45
C11A1-HW-120-S, soft white, 20 cd, 350 mA, viewing angle 120°		EOL		4,98	5,45
C11A1-HB-30, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 30°		EOL		4,79	5,24
C11A1-HB-120, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 120°		EOL		4,79	5,24
C11A1-HC-30, 505 nm, 20 cd, 15-18 mW, 350 mA, viewing angle 30°		EOL		5,55	6,08
C11A1-HC-120, 505 nm, 20 cd, 15-18 mW, 350 mA, viewing angle 120°		EOL		5,55	6,08
C11A1-HG-30, 525 nm, 25 cd, 13-17 mW, 350 mA, viewing angle 30°		EOL		5,26	5,76
C11A1-HY-120, 590 nm, 10 cd, 8-10 mW, 350 mA, viewing angle 120°		EOL		2,73	2,99
C11A1-HR-120, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 120°		EOL		2,73	2,99
C11A1-660-30, 660 nm, 20-25 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-670-120, 670 nm, 20-25 mW, 350 mA, viewing angle 120°		EOL		5,17	5,66
C11A1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-680-120, 680 nm, 20-25 mW, 350 mA, viewing angle 120°		EOL		5,17	5,66
C11A1-690-30, 690 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-690-120, 690 nm, 25-30 mW, 350 mA, viewing angle 120°		EOL		5,17	5,66
C11A1-720-60, 720 nm, 28-35 mW, 350 mA, viewing angle 60°		EOL		5,17	5,66
C11A1-720-120, 720 nm, 28-35 mW, 350 mA, viewing angle 120°		EOL		5,17	5,66
C11A1-760-30, 760 nm, 28-35 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-780-30, 780 nm, 110 mW, 500 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-820-30, 820 nm, 38-46 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-850-30, 850 nm, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-920-30, 920 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66
C11A1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		5,17	5,66


M3L1 HIGH POWER LEDs		Status	MOQ	EUR / pc	USD / pc
	high power LED with M3 thread aluminium disk package, diameter 11 mm, thread length 6 mm 1x1 mm ² chip 1 Watt electrical power				
	► PHASE OUT				
M3L1-HW-60, white, 16 cd, 350 mA, viewing angle 60°		EOL		6,20	6,79
M3L1-HW-120, white, 15 cd, 350 mA, viewing angle 120°		EOL		6,20	6,79
M3L1-HU-30, 395-405 nm, 15-20 mW, 350 mA, viewing angle 30°		EOL		6,73	7,37
M3L1-HU-60, 395-405 nm, 15-20 mW, 350 mA, viewing angle 60°		EOL		6,73	7,37
M3L1-HU-120, 395-405 nm, 15-20 mW, 350 mA, viewing angle 120°		EOL		6,73	7,37
M3L1-HB-30, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 30°		EOL		6,02	6,59
M3L1-HB-120, 470 nm, 10 cd, 17-20 mW, 350 mA, viewing angle 120°		EOL		6,02	6,59
M3L1-HC-120, 505 nm, 17 cd, 15-18 mW, 350 mA, viewing angle 120°		EOL		6,73	7,37
M3L1-HG-30, 525 nm, 25 cd, 13-17 mW, 350 mA, viewing angle 30°		EOL		6,46	7,07
M3L1-HG-60, 525 nm, 22 cd, 13-17 mW, 350 mA, viewing angle 60°		EOL		6,46	7,07
M3L1-HG-120, 525 nm, 20 cd, 13-17 mW, 350 mA, viewing angle 120°		EOL		6,46	7,07
M3L1-HY-30, 590 nm, 10 cd, 8-10 mW, 350 mA, viewing angle 30°		EOL		3,90	4,27
M3L1-HY-60, 590 nm, 8 cd, 8-10 mW, 350 mA, viewing angle 60°		EOL		3,90	4,27
M3L1-HY-120, 590 nm, 7 cd, 8-10 mW, 350 mA, viewing angle 120°		EOL		3,90	4,27
M3L1-HR-30, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 30°		EOL		3,90	4,27
M3L1-HR-120, 625 nm, 7 cd, 20-25 mW, 350 mA, viewing angle 120°		EOL		3,90	4,27
M3L1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-740-120, 740 nm, 28-35 mW, 350 mA, viewing angle 120°		EOL		6,37	6,97
M3L1-760-30, 760 nm, 28-35 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-920-30, 920 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30°		EOL		6,37	6,97
M3L1-940-120, 940 nm, 25-30 mW, 350 mA, viewing angle 120°		EOL		6,37	6,97
M3L1-970-30, 970 nm, 350 mA, viewing angle 30°		EOL		6,37	6,97

C20A1 HIGH POWER LEDs		Status	MOQ	EUR / pc	USD / pc
	high power LED, aluminium disk package, diameter 20 mm, 1x1 mm ² chip size 1 Watt electrical power				
RLT-WNP1000-02, white, x .28,y .28, 20 lm, 350 mA, 60° full angle		EOL		6,62	7,25
RLT-WNP600-02, white, x .28,y .28, 5 lm, 100 mA, 60° full angle		EOL		2,84	3,11
C20A1-HU-30, 395-405 nm, 15-20 mW, 350 mA, Vf <4.0 V, 30°		EOL		5,86	6,42
RLT-BNP1000-02, 470 nm, 11 lm, 350 mA, 60° full angle		EOL		5,67	6,21
RLT-BNP600-02, 470 nm, 3 lm, 100 mA, 60° full angle		EOL		2,27	2,49
C20A1-HC-30, 505 nm, 20 cd, 15-18 mW, 350 mA, Vf <4.0 V, 30°		EOL		5,86	6,42
RLT-GNP1000-02, 525 nm, 20 lm, 350 mA, 60° full angle		EOL		6,14	6,72
RLT-YUP600-02, 587 nm, 4 lm, 100 mA, 60° full angle		EOL		1,51	1,65
C20A1-HR-60, 625 nm, 7.0-8.5 cd, 20-25 mW, 350 mA, Vf <2.8 V, 60°		EOL		3,12	3,42
C20A1-HR-120, 625 nm, 7.0-8.5 cd, 20-25 mW, 350 mA, Vf <2.8 V, 120°		EOL		3,12	3,42
C20A1-H650-30, 650 nm, 70 mW, 350 mA, Vf <2.2 V, 30°		EOL		5,48	6,00
C20A1-H660-30, 660 nm, 20-25 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H670-30, 670 nm, 90 mW, 350 mA, Vf <2.0 V, 30°		EOL		5,48	6,00
C20A1-H680-30, 680 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H690-30, 690 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H720-30, 720 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H740-30, 740 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H740-60, 740 nm, 28-35 mW, 350 mA, Vf <2.5 V, 60°		EOL		5,48	6,00
C20A1-H770-30, 770 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H810-30, 810 nm, 38-46 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H820-30, 820 nm, 38-46 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H850-30, 850 nm, 350 mA, Vf <3.0 V, 30°		EOL		5,48	6,00
C20A1-H870-30, 870 nm, 350 mA, Vf <3.0 V, 30°		EOL		11,15	12,21
C20A1-H880-30, 880 nm, 30-40 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H905-30, 905 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00
C20A1-H940-30, 940 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30°		EOL		5,48	6,00

R-HP803 HIGH POWER LEDs		Status	MOQ	EUR / pc	USD / pc
	high power LED emitter, 3 Watt electrical power, highest flux, very long operating life (>50000 hr) higher energy efficiency than incandescent and most halogen lamps low voltage DC operation instant light on/off (less than 100 ns) superior ESD protection, size: 25 x 25 mm ² , height 8.32 mm, optional with 15 degree collimator lens				
R-HP803NW, white, typ. 6000 K, 55 lm, 700 mA, Vf 4.0 V, 120°		EOL		7,20	7,88
R-HP803WW, warm white, typ. 3300 K, 45 lm, 700 mA, Vf 4.0 V, 120°		EOL		7,20	7,88
R-HP803NO, 590 nm, 36 lm, 700 mA, Vf 3.0 V, 120°		EOL		6,35	6,95

C20C3 HIGH POWER RGB LEDs		Status	MOQ	EUR / pc	USD / pc
	high power RGB LED, aluminium disk package, diameter 20 mm, diverse wavelengths, power chip technology 1x1 mm ² chip size. 3 x 1 Watt electrical power, other wavelengths on request				
C20C3-HYGB-60, 585/515/460 nm, 8/9/3 lm, 3x 350 mA, viewing angle 60°		EOL		5,64	6,18
C20C3-HYRB-60, 585/620/460 nm, 8/6/3 lm, 3x 350 mA, viewing angle 60°		EOL		5,08	5,56


HIGH POWER RGB EMITTER LEDs		Status	MOQ	EUR / pc	USD / pc
	high power RGB LED series, emitter type package 6 pins, 3 x anode, 3 x cathode viewing angle typ. 80°, 3 power ranks: 1.5 W -> 3 LED chips each 500 mW 3.0 W -> 3 LED chips each 1 W 9.0 W -> 3 LED chips each 3 W				
A6-RGB-1.5, 620/515/460 nm, 5/12/4 lm, 3x150 mA, 1.5 W, ±40°, 3x anode 3x cathode		EOL		4,20	4,60
A6-RGB-3, 620/515/460 nm, 23/45/12 lm, 3x350 mA, 3.0 W, ±40°, 3x anode 3x cathode		EOL		6,50	7,12
AR58G05B24BC-A, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common anode		EOL		11,70	12,81
AR58G05B24BC-C, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common cathode		EOL		11,70	12,81
AR57G62B66BC-C, 620/515/460 nm, 4.5/10/3 lm, 3 x 150 mA, 1.5 W, ±40°		EOL		7,18	7,86


HIGH POWER RGB HEXAGONAL LEDs		Status	MOQ	EUR / pc	USD / pc
	high power RGB LED series, hex type package 6 pins, 3 x anode, 3 x cathode viewing angle typ. 80°, 3 power ranks: 1.5 W -> 3 LED chips each 500 mW 3.0 W -> 3 LED chips each 1 W 9.0 W -> 3 LED chips each 3 W				
H6-RGB-1.5, 620/515/460 nm, 5/12/4 lm, 3x150 mA, 1.5 W, ±40°, 3x anode 3x cathode		EOL		4,70	5,15
H4-AR58G05B24BC-C, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common -		EOL		12,20	13,36
H4-AR58G05B24BC-A, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common +		EOL		12,20	13,36
H4-AR57G62B66BC-C, 620/515/460 nm, 4.5/10/3 lm, 3x150 mA, 1.5 W, ±40°, common -		EOL		7,72	8,45


OPTICS FOR HIGH POWER LEDs



NARROW BEAM LENS SERIES		Status	MOQ	EUR / pc	USD / pc
	diverse optics for high power LEDs				
	material: polycarbonate designed for Luxeon				
10048, 4 degree half angle optic				4,12	4,51
10049, 4 x 25 degree half angles optic				4,12	4,51
10003, 6 degree half angle optic				3,14	3,44
10003/15, 15 degree half angle optic				3,14	3,44
10003/25, 25 degree half angle optic				3,14	3,44
10003/L25, 6 x 25 degree half angles line optic				3,14	3,44
10034, fiber coupling optic, designed for 8-12 mm, NA 0.50 fiber bundles				3,86	4,23


HOLDERS FOR NARROW BEAM LENS SERIES		Status	MOQ	EUR / pc	USD / pc
	diverse lens holders for 1, 3 and 5 watt power LEDs				
10012, LED optic holder, round, black, for 1 W, LED				0,68	0,74
10043, LED optic holder, hexagonal, black, for 3 W, / 5 W, LED				0,68	0,74
10065, 4° optic holder for 1 W, Luxeon, white, 17.15 x 22.7 mm				0,87	0,95
10076, 4° optic holder for 3 W, / 5 W, Luxeon, black, 16.15 x 21.7 mm				0,87	0,95
10077, 4° optic holder for 3 W, / 5 W, Luxeon, white, 16.15 x 21.7 mm				0,87	0,95
12061, 4° optic holder for 3 W, / 5 W, Luxeon, white, 16.15 x 29.0 mm				0,87	0,95

ULTRA NARROW BEAM CATADIOPTRIC LENS SERIES		Status	MOQ	EUR / pc	USD / pc
	CATADIOPTRIC collimating lens for LEDs				
	<ul style="list-style-type: none"> - +/- 2° ultra narrow beam - ideal for far distance and spot illumination - suitable for: Cree, Seoul, Avago, Luxeon - material: polycarbonate - efficiency ~70% 				
10158, 2 degree half angle spot optic, diameter 60 mm, height 11 mm, polycarbonate				17,93	19,63
10145, spreader lens for 10158 optic				1,22	1,34
10146, holder for 10158 optic				1,62	1,77


REFLECTORS FOR HIGH POWER LEDs		Status	MOQ	EUR / pc	USD / pc
	metalized reflectors, material polycarbonate				
	available for power LEDs with lambertian lens design and for Acriche LEDs				
	recommended optic for narrow beam generation				
12527, Reflector, 17.0 mm, wide spot, UV stabilised PC				1,25	1,37
12530, Reflector, 17.0 mm, medium spot, UV stabilised PC				1,25	1,37
CLP17CR, 6° reflector for lambertian LED, metalized polycarbonate 17.5 x 10.7 mm [DxH]				2,33	2,55
CLP20CR, 6° reflector for lambertian LED, metalized polycarbonate 20.5 x 15.7 mm [DxH]				2,33	2,55
CLP23CR, 20° reflector for Acriche LED, metalized polycarbonate 23.0 x 13.3 mm [DxH]				3,54	3,88
CLP28ACR, 12° reflector for Acriche LED, metalized polycarbonate 27.5 x 18.3 mm [DxH]				3,54	3,88


HIGH POWER LED ARRAYS




TO-66 HIGH POWER LED ARRAYS - 60 Chips Resin 365 - 1650 nm		Status	MOQ	EUR / pc	USD / pc
	TO-66 High Power LED Array				
	Silicone / Epoxy Resin 60 chips array inside (6x10 chips on a 50 mm ² footprint) 365 nm - 1550 nm available Lens and Heat Sink available				
UV					
LED375-66-60, 375 nm, 150 mW, 200 mA, 60 chips, TO-66				204,52	223,94
LED385-66-60, 385 nm, 150 mW, 240 mA, 60 chips, TO-66				204,52	223,94
LED395-66-60, 395 nm, 670 mW, 240 mA, 60 chips, TO-66				213,82	234,12
VIS					
LED405-66-60, 405 nm, 310 mW, 240 mA, 60 chips, TO-66				197,91	216,70
LED420-66-60, 420 nm, 550 mW, 400 mA, 60 chips, TO-66				204,52	223,94
LED430-66-60, 430 nm, 690 mW, 240 mA, 60 chips, TO-66				204,52	223,94
LED435-66-60, 435 nm, 550 mW, 400 mA, 60 chips, TO-66				208,07	227,82
LED450-66-60, 450 nm, 700 mW, 240 mA, 60 chips, TO-66				180,10	197,20
LED470-66-60, 470 nm, 4.5 cd 120 mW, 240 mA, 60 chips, TO-66				186,26	203,94


LED505-66-60, 505 nm, 60 mW, 240 mA, 60 chips, TO-66	186,26	203,94
LED525-66-60, 525 nm, 400 mW, 240 mA, 122°, 60 chips, TO-66	186,26	203,94
LED545-66-60, 545 nm, 140 mW, 240 mA, 17 V, 118°, 60 chips, TO-66	551,84	604,23
LED565-66-60, 565 nm, 1.25 cd 8 mW, 240 mA, 60 chips, TO-66	60,26	65,98
LED570-66-60, 570 nm, 7 cd 36 mW, 240 mA, 60 chips, TO-66	64,50	70,62
LED590-66-60, 590 nm, 170 mW, 240 mA, 60 chips, TO-66	106,28	116,37
LED620-66-60, 620 nm, 7 cd 120 mW, 240 mA, 60 chips, TO-66	106,28	116,37
LED630-66-60, 630 nm, 7 cd 140 mW, 240 mA, 60 chips, TO-66	106,28	116,37
LED645-66-60, 645 nm, 7 cd 120 mW, 240 mA, 60 chips, TO-66	108,15	118,42
LED660-66-60, 660 nm, 3.5 cd 180 mW, 240 mA, 60 chips, TO-66	EOL	38,10 41,72
LED660N-66-60, 660 nm, 62.8 cd, 2.4 W, 1.2 A, 60 chips, TO-66	106,28	116,37
LED670-66-60, 670 nm, 450 mW, 240 mA, 60 chips, TO-66	178,04	194,94
LED680-66-60, 680 nm, 300 mW, 240 mA, 9.8 V, 120°, 60 chips, TO-66	178,04	194,94
LED690-66-60, 690 nm, 300 mW, 240 mA, 60 chips, 128°, TO-66	178,04	194,94
IR		
LED700-66-60, 700 nm, 300 mW, 240 mA, 60 chips, TO-66	185,85	203,50
LED720-66-60, 720 nm, 550 mW, 600 mA, 60 chips, TO-66	155,22	169,96
LED735-66-60, 735 nm, 1 W, 600 mA, 60 chips, TO-66	155,22	169,96
LED740-66-60, 740 nm, 1 W, 600 mA, 60 chips, TO-66	155,22	169,96
LED750-66-60, 750 nm, 1 W, 600 mA, 60 chips, TO-66	155,22	169,96
LED760-66-60, 760 nm, 1 W, 600 mA, 60 chips, TO-66	155,22	169,96
LED780-66-60, 780 nm, 840 mW, 600 mA, 130°, 60 chips, TO-66	168,00	183,95
LED790-66-60, 790 nm, 1 W, 600 mA, 60 chips, TO-66	149,74	163,96
LED810-66-60, 810 nm, 1 W, 600 mA, 60 chips, TO-66	149,74	163,96
LED830-66-60, 830 nm, 1 W, 600 mA, 60 chips, TO-66	149,74	163,96
LED830N-66-60, 830 nm, 850 mW, 600 mA, 60 chips, TO-66	146,77	160,70
LED840-66-60, 840 nm, 60 chips, TO-66	151,44	165,82
LED850-66-60, 850 nm, 1.5 W, 800 mA, 60 chips, TO-66	120,16	131,57
LED870-66-60, 870 nm, 1.5 W, 800 mA, 60 chips, TO-66	124,17	135,96
LED880-66-60, 880 nm, 1.5 W, 800 mA, 60 chips, TO-66	124,17	135,96
LED890-66-60, 890 nm, 0.85 W, 800 mA, 60 chips, TO-66	113,58	124,36
LED910-66-60, 910 nm, 600 mW, 800 mA, 60 chips, TO-66	159,00	174,10
LED940-66-60, 940 nm, 550 mW, 600 mA, 60 chips, TO-66	84,37	92,38
LED950-66-60, 950 nm, 60 chips, TO-66	84,37	92,38
LED970-66-60, 970 nm, 500 mW, 800 mA, 60 chips, TO-66	100,43	109,97
LED980-66-60, 980 nm, 150 mW, 600 mA, 60 chips, TO-66	120,52	131,96
LED990-66-60, 990 nm, 100 mW, 600 mA, 6.5V, 60 chips, TO-66	208,00	227,75
LED1050S-66-60, 1050 nm, 110 mW, 600 mA, 5.7 V, 130°, 60 chips, TO-66	345,00	377,76
LED1050D-66-60, 1050 nm, 390 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66	345,00	377,76
LED1070-66-60, 1070 nm, 60 mW, 600 mA, 60 chips, TO-66	337,83	369,90
LED1070D-66-60, 1070 nm, 600 mA, 60 chips, TO-66	o.r.	o.r.
LED1200D-66-60, 1200 nm, 390 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66	345,00	377,76
LED1300S-66-60, 1300 nm, 120 mW, 600 mA, 4.9 V, 128°, 60 chips, TO-66	345,00	377,76
LED1300D-66-60, 1300 nm, 410 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66	345,00	377,76
LED1450S-66-60, 1450 nm, 70 mW, 600 mA, 4.6 V, 128°, 60 chips, TO-66	345,00	377,76
LED1450D-66-60, 1450 nm, 240 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66	345,00	377,76
LED1550-66-60, 1550 nm, 40 mW, 600 mA, 60 chips, TO-66	337,83	369,90
LED1550D-66-60, 1550 nm, 180 mW, 600 mA, 4.8 V, 120°, 60 chips, TO-66	345,00	377,76
LED1050GD-66-60, 1050 nm, 1.6 W, 600 mA, 6.5 V, 128°, 60 chips, TO-66	581,30	636,49
LED1650D-66-60, 1650 nm, 90 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66	345,00	377,76
further wavelengths available on request		


TO-66 HIGH POWER LED ARRAYS - 60 Chips Glass Window 365 - 435 nm	Status	MOQ	EUR / pc	USD / pc
 <p>TO-66 High Power LED Array Flat Glass Window 60 chips array inside (6x10 chips on a 50 mm² footprint) 365 nm - 435 nm available Lens and Heat Sink available</p>				
LED365-66-60-110, 365 nm, 130 mW, 240 mA, 17 V, 102°, 60 chips, TO-66			272,09	297,92
LED375-66-60-110, 375 nm, 150 mW, 200 mA, 60 chips, TO-66			272,09	297,92
LED385-66-60-110, 385 nm, 150 mW, 240 mA, 60 chips, TO-66			272,09	297,92
LED395-66-60-110, 395 nm, 240 mW, 240 mA, 60 chips, TO-66			272,09	297,92
LED405-66-60-110, 405 nm, 300 mW, 400 mA, 60 chips, TO-66			261,13	285,92
LED415-66-60-110, 415 nm, 300 mW, 240 mA, 60 chips, TO-66			261,13	285,92
LED420-66-60-110, 420 nm, 550 mW, 400 mA, 60 chips, TO-66			261,13	285,92
LED430-66-60-110, 430 nm, 550 mW, 400 mA, 60 chips, TO-66			261,13	285,92
LED435-66-60-110, 435 nm, 60 chips, TO-66			261,13	285,92


TO-66 HIGH POWER LED ARRAYS - 16 Power Chips Resin 385 - 1550 nm	Status	MOQ	EUR / pc	USD / pc
 <p>TO-66 High Power LED Array Flat Glass Window or Silicone / Epoxy Resin 16 power LED chips inside, 4 x 4 matrix, 365 nm - 980 nm available Lens and Heat Sink available</p>				
LED385-66-16100, 385 nm, 170 mW, 200 mA, 13 V, 120°, 16 chips, TO-66			256,30	280,63
LED415-66-16100, 415 nm, 120°, 16 chips, TO-66			208,07	227,82
LED415-66-16100-110, 415 nm, 120°, 16 chips, TO-66			o.r.	o.r.
LED435V-66-16100, 435 nm, 7.5 W, 2 A, 130°, 16 chips, TO-66			292,59	320,37
LED470V-66-16100, 470 nm, 8.0 W, 2.0 A, 12.8 V, 124°, 16 chips, TO-66			188,64	206,55


LED525-66-16100, 525 nm, x W, x A, x°, 16 chips, TO-66	189,50	207,49
LED660N-66-16100, 660 nm, 4.8 W, 1.4 A, 8.8 V, 124°, 16 chips, TO-66	113,22	123,97
LED680-66-16100, 680 nm, 450 mW, 1.4 A, 7.7 V, 120°, 16 chips, TO-66	178,04	194,94
LED690D-66-16100, 690 nm, 5.9 W, 2.4 A, 10 V, 124°, 16 chips, TO-66	195,39	213,94
LED720-66-16100, 720 nm, 550 mW, 1.4 A, 7.4 V, 120°, 16 chips, TO-66	178,04	194,94
LED735-66-16100, 735 nm, >500 mW, 1.4 A, 120°, 16 chips, TO-66	178,04	194,94
LED740-66-16100, 740 nm, 450 mW, 1.4 A, 5.5 V, 120°, 16 chips, TO-66	178,04	194,94
LED740D-66-16100, 740 nm, 4.3 W, 2.4 A, 128°, 16 chips, TO-66	180,45	197,58
LED750D-66-16100, 750 nm, 6.5 W, 3.2 A, 8.1 V 130°, 16 chips, TO-66	180,45	197,58
LED760D-66-16100, 760 nm, 5.7 W, 3.2 A, 8.6 V, 128°, 16 chips, TO-66	180,45	197,58
LED780-66-16100, 780 nm, 2.8 W, 3.2 A, 8.0 V, 120°, 16 chips, TO-66	178,04	194,94
LED780D-66-16100, 780 nm, 5.6 W, 3.2 A, 8.7 V, ±64°, 16 chips, TO-66	180,25	197,36
LED790-66-16100, 790 nm, 120°, 16 chips, TO-66	171,65	187,95
LED810-66-16100, 810 nm, 900 mW, 1.4 A, 6.8 V, 120°, 16 chips, TO-66	171,65	187,95
LED830N-66-16100, 830 nm, 16 chips, TO-66	157,92	172,91
LED850D-66-16100, 850 nm, 8 W, 4 A, 8.4 V, 126°, 16 chips, TO-66	138,81	151,99
LED870-66-16100, 870 nm, 5 W, 4 A, 7.2V, 120°, 16 chips, TO-66	138,81	151,99
LED920-66-16100, 920 nm, 650 mW, 2.0 A, 5.5 V, 120°, 16 chips, TO-66	93,13	101,97
LED940-66-16100, 940 nm, 1000 mW, 2.4 A, 120°, 16 chips, TO-66	93,13	101,97
LED940D-66-16100, 940 nm, 9.4 W, 4 A, 122°, 16 chips, TO-66	142,00	155,48
LED950-66-16100, 950 nm, 750 mW, 2.0 A, 5.5 V, 120°, 16 chips, TO-66	93,13	101,97
LED1050S-66-16100, 1050 nm, 220 mW, 2 A, 4.8 V, 136°, 16 chips, TO-66	306,00	335,05
LED1050GD-66-16100, 1050 nm, 4 W, 2A, 134°, 16 chips, TO-66	o.r.	o.r.
LED1200S-66-16100, 1200 nm, 280 mW, 2 A, 4.4 V, 138°, 16 chips, TO-66	306,00	335,05
LED1300S-66-16100, 1300 nm, 200 mW, 2 A, 4.1 V, 138°, 16 chips, TO-66	306,00	335,05
LED1450S-66-16100, 1450 nm, 110 mW, 2 A, 134°, 16 chips, TO-66	306,00	335,05
LED1550S-66-16100, 1550 nm, 95 mW, 2 A, 132°, 16 chips, TO-66	o.r.	o.r.


TO-66 HIGH POWER LED ARRAYS WHITE	Status	MOQ	EUR / pc	USD / pc
 <p>TO-66 High Power LED Array Silicone / Epoxy Resin 12/16 power LED chips inside, white Lens and Heat Sink available</p>				
LED47W-66-12100, white, 120°, 12 chips, TO-66	EOL		151,97	166,40
LED47W-66-16100, white, 80 lm, 1.2 A, 13 V, 120°, 16 chips, TO-66	EOL		185,54	203,16


ACCESSORIES for TO-66 HIGH POWER LED ARRAYS	Status	MOQ	EUR / pc	USD / pc
 <p>Heat sink, thermal grease, and lenses for TO-66 high power LEDs</p>				
HEAT SINK 47X10-5, heat sink for TO-66, aluminium, black anodized, 47.5 x 10 mm			6,15	6,73
HEAT SINK 47X20, heat sink for TO-66, aluminium, black anodized, 54 g, 47.5 x 20 mm			9,33	10,22
ST-700, Thermal Grease, 10% AgOx, TC >7.5 W/mK, 1 g			1,27	1,39
LED-OPTIC-18, aspheric glass lens, 18 mm aperture, ±30°, f: 13.5 mm, for TO-66 LED series			17,87	19,57
LED-OPTIC-12, aspheric glass lens, 12 mm aperture, ±30°, f: 12.0 mm, for TO-66 LED series			17,38	19,03
LENS-13, plastic lens/reflector, ±15°, for TO-66 LED series			32,00	35,04


FAT HIGH POWER NARROW BEAM THREADED LED ARRAYS	Status	MOQ	EUR / pc	USD / pc
 <p>high power LED array 6 power chips inside, jumbo package, wavelength 655 nm, 685 nm, 800 nm or 870 nm M18 x 1mm thread mounting</p>				
FAT-655-40, 655 nm, 150 mW, 250 mA, 12.9 V, tr/ff 80/100 ns, 40°, M18x1 thread			63,00	68,98
FAT-685-40, 685 nm, 250 mW, 250 mA, 12.4 V, tr/ff 80/100 ns, 40°, M18x1 thread			63,00	68,98
FAT-800-40, 800 nm, 350 mW, 350 mA, 10 V, tr/ff 80/100 ns, 40°, M18x1 thread			46,20	50,59
FAT-870-40, 870 nm, 350 mW, 350 mA, 10 V, tr/ff 80/100 ns, 40°, M18x1 thread			46,20	50,59


ELJ HIGH POWER NARROW BEAM THREADED LED ARRAYS	Status	MOQ	EUR / pc	USD / pc
 <p>high power LED array, 6 chips, Jumbo package, wavelengths at 590 nm, 640 nm, 660 nm, 810 nm, 880 nm, 920 nm, 950 nm M10 x 1.5 mm thread package</p>				
ELJ-595-225B, 590 nm, 12 mW, 100 mA, 15°, M10x1.5	EOL		26,50	29,02
ELJ-630-215, 630 nm, 58 mW, 100 mA, 12°, M10x1.5	EOL		26,50	29,02


10 mm THROUGH HOLE LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED series, 4 parallel chips inside, If: 80 mA, 10 mm clear epoxy				
10W43-HCA-H, white, 13-15 cd, 80 mA, Vf <4.0 V, 60°		EOL		2,80	3,07
RLS-10W2P4D, white, 22 cd, 80 mA, Vf <3.4 V, 8-10°, 10 mm epoxy				3,64	3,99
10W43-HCA-4P, white, 20-25 lm, 80 mA, Vf <3.6 V, 50°		EOL		2,80	3,07
10W4DHCB-H, white, 13-15 cd, 80 mA, Vf <4.0 V, 180°		EOL		2,92	3,20
10B43-HCA-H, 470 nm, 8-10 cd, 80 mA, Vf <4.0 V, 60°		EOL		2,68	2,93
10B4DHCB-H, 470 nm, 8-10 cd, 80 mA, Vf <4.0 V, 180°		EOL		2,80	3,07
10C43-HCA-H, 505 nm, 9-12 cd, 80 mA, Vf <4.0 V, 60°		EOL		2,88	3,15
10C4DHCB-H, 505 nm, 9-11 cd, 80 mA, Vf <4.0 V, 180°		EOL		3,00	3,28
10G43-HCA-H, 525 nm, 15-18 cd, 80 mA, Vf <3.8 V, 60°		EOL		2,88	3,15
10G4DHCB-H, 525 nm, 15-18 cd, 80 mA, Vf <3.8 V, 180°		EOL		3,00	3,28
10Y43-HCA-H, 590 nm, 7-8 cd, 80 mA, Vf <2.2 V, 60°		EOL		1,48	1,62
10Y4DHCB-H, 590 nm, 8-9 cd, 80 mA, Vf <2.2 V, 180°		EOL		1,60	1,75
10R4DHCB-H, 625 nm, 7-8 cd, 80 mA, Vf <2.2 V, 180°		EOL		1,60	1,75


4-PIN / PIRANHA LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED series 4 parallel chips inside, If: 80 mA, clear epoxy package base size: 7.6 x 7.6 mm²				
5W4S2HCA, white, 5-8 cd, 80 mA, Vf <4.0 V, ±90°		EOL		1,68	1,84
5B4S2HCA, 470 nm, 3-6 cd, 80 mA, Vf <4.0 V, ±90°		EOL		1,39	1,52
5G4S2HCA, 528 nm, 7-10 cd, 80 mA, Vf <4.0 V, ±90°		EOL		1,81	1,98
5Y4S2HCA, 590 nm, 3-6 cd, 80 mA, Vf <2.2 V, ±90°		EOL		0,86	0,94
5R4S2HCA, 622 nm, 3-6 cd, 80 mA, Vf <2.2 V, ±90°		EOL		0,83	0,91


35L3 HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED array aluminium plate package with 3x 1 mm² power chips onboard LED chips connected in parallel Size: 35 mm diameter				
35L3-HW-60, white, 20 cd, 1050 mA, Vf <4.0 V, 60°		EOL		17,50	19,16
35L3-HU-60, 395-405 nm, 3 x 16 mW, 1050 mA, Vf <4.0 V, 60°		EOL		19,50	21,35
35L3-HB-60, 470 nm, 28 cd, 3 x 18 mW, 1050 mA, Vf <4.0 V, 60°		EOL		16,90	18,50
35L3-HC-60, 505 nm, 36 cd, 3 x 17 mW, 1050 mA, Vf <4.0 V, 60°		EOL		19,50	21,35
35L3-HG-60, 525 nm, 28 cd, 3 x 15 mW, 1050 mA, Vf <3.8 V, 60°		EOL		18,50	20,26
35L3-HY-60, 590 nm, 24 cd, 3 x 10 mW, 1050 mA, Vf <2.8 V, 60°		EOL		9,50	10,40
35L3-HR-60, 625 nm, 20 cd, 3 x 22 mW, 1050 mA, Vf <2.8 V, 60°		EOL		9,50	10,40
35L3-H850-60, 850 nm, xxx mW, 1500 mA, Vf <2.5 V, 60°		EOL		18,50	20,26
35L3-H880-60, 880 nm, 3 x 45 mW, 1500 mA, Vf <2.4 V, 60°		EOL		18,50	20,26
35L3-H940-60, 940 nm, 3 x 40 mW, 1500 mA, Vf <2.2 V, 60°		EOL		18,50	20,26


C38A8 HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED array aluminium plate package 8x 1 mm² power chips onboard total 8 W electrical power size: 38 mm diameter				
C38A8-HU-30, 395-405 nm, 8 x 16 mW, 4 x 350 mA, Vf 4 x typ. 7.6 V, 30°		EOL		38,00	41,61
C38A8-HB-30, 470 nm, 8 x 4.5 lm, 4 x 350 mA, Vf 4 x typ. 7.0 V, 30°		EOL		32,50	35,59
C38A8-HY-30, 590 nm, 8 x 10 lm, 4 x 350 mA, Vf 4 x typ. 4.1 V, 30°		EOL		23,00	25,18
C38A8-H850-30, 850 nm, 8 x 40 mW, 4 x 300 mA, Vf 4 x typ. 2.9 V, 30°		EOL		40,50	44,35
C38A8-H880-30, 880 nm, 8 x 40 mW, 4 x 300 mA, Vf 4 x typ. 2.8 V, 30°		EOL		40,50	44,35


L2X3 HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED array aluminium plate package 24x 3528 SMD LEDs onboard size: 42.1 mm diameter				
L2X3-I3CA, 850 nm, 24 x 20 mW/sr, 130 mA, Vf 12 VDC, 120°		EOL		7,25	7,94
L2X2-I5LA, 940 nm, 24 x 20 mW/sr, 400 mA, Vf 6 VDC, 120°		EOL		6,20	6,79
L2X3-I5LA, 940 nm, 24 x 20 mW/sr, 130 mA, Vf 12 VDC, 120°		EOL		6,20	6,79


RLT-MIL SUPER HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
 <p>high power LED array, metal PCB package with 12 parallel 1 mm² power chips, 30°.</p> <p>Size: 72 x 32 mm²</p>	RLT-MIL505-12C-30, 505 nm, 12 power chips, 12 x 18 mW, 4.2 A, 4.5V, 30°	EOL		80,08	87,68
	RLT-MIL590-12A-30, 590 nm, 12 power chips, 12 x 10 mW, 4.2 A, 3.3V, 30°	EOL		50,72	55,54
	RLT-MIL630-12R-30, 630 nm, 12 power chips, 12 x 24 mW, 4.2 A, 3.3V, 30°	EOL		50,72	55,54
	RLT-MIL810-12I-30, 810 nm, 12 power chips, 12 x 150 mW, 4.2 A, 2.5V, 30°	EOL		91,53	100,22
	RLT-MIL850-12I-30, 850 nm, 12 power chips, 12 x 160 mW, 4.2 A, 2.5V, 30°	EOL		91,53	100,22
	RLT-MIL880-12I-30, 880 nm, 12 power chips, 12 x 120 mW, 4.2 A, 2.5V, 30°	EOL		91,53	100,22
	RLT-MIL940-12I-30, 940 nm, 12 power chips, 12 x 120 mW, 4.2 A, 2.3V, 30°	EOL		91,53	100,22

RLT-xA SUPER HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED array 3x 3 high power LED chips on aluminium plate, drive current typ. 1050 mA, electrical power typ. 10 W size: 38.3 x 39.7 mm ²				
RLT-BA1000-02, 3x3 array, 470 nm, 100 lm, 1.05 A, 10.2 V, 60°		EOL		64,00	70,08
RLT-GA1000-02, 3x3 array, 525 nm, 140 lm, 1.05 A, 10.5 V, 60°		EOL		62,00	67,89

ELM SUPER HIGH POWER LED ARRAY		Status	MOQ	EUR / pc	USD / pc
					
ELM-875-8X24-2, 870 nm, 720 mW, 500 mA, Vf 7.0 V, 25°, size 24 x 8 x 5.5 mm		EOL		72,00	78,84

ELA SUPER HIGH POWER LED ARRAY		Status	MOQ	EUR / pc	USD / pc
	high power LED arrays for illumination purposes				
ELA-920-22X60, 920 nm, 2 x 10 emitters, 1 W, 22 x 60 mm		EOL		92,22	100,98

TO3A4 HIGH POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	high power LED array TO-3 package with 4 power LED chips inside, 2 x 2 matrix diverse wavelengths available on request				
TO3A4-H390-180, 382-390 nm, 200 mW, 1.4 A, Vf 4.1 V, ±90°, TO-3		EOL		63,00	68,98
TO3A4-HU-180, 395-405 nm, 65 mW, 1.4 A, Vf 4.5 V, ±90°, TO-3		EOL		23,80	26,06
TO3A4-HB-180, 470 nm, 90 mW, 1.4 A, Vf 4.4 V, ±90°, TO-3		EOL		19,40	21,24
TO3A4-HW-180, white, 70 cd, 1.4 A, Vf 4.1 V, ±90°, TO-3		EOL		21,20	23,21
TO3A4-HY-180, 590 nm, 160 mW, 1.4 A, Vf 2.6 V, ±90°, TO-3		EOL		14,40	15,77
TO3A4-HR-180, 630 nm, 110 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3		EOL		14,40	15,77
TO3A4-H650-180, 650 nm, 130 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H660-180, 660 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H670-180, 670 nm, 200 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H680-180, 680 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H690-180, 690 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H720-180, 720 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H740-180, 740 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H760-180, 760 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H770-180, 770 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H780-180, 780 nm, 270 mW, 1.4 A, Vf 2.2 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H810-180, 810 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H820-180, 820 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H880-180, 880 nm, 200 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H890-180, 890 nm, 200 mW, 1.4 A, Vf 1.9 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H905-180, 905 nm, 150 mW, 1.2 A, Vf 1.7 V, ±90°, TO-3		EOL		25,40	27,81
TO3A4-H940-180, 940 nm, 150 mW, 1.2 A, Vf 1.7 V, ±90°, TO-3		EOL		25,40	27,81

IDLTL WHITE POWER LED ARRAYS		Status	MOQ	EUR / pc	USD / pc
	industrial series high power LED array alu PCB design, diameter 55 mm brightness up to 1200 lm				
IDLTL018-CW3, white, 5000-10000 K, 220 lm, ±75°, If 320 mA, Vf 9.0-11.0 V		EOL		6,85	7,50
IDLTL018-CW6, white, 5000-10000 K, 430 lm, ±75°, If 640 mA, Vf 9.0-11.0 V		EOL		10,44	11,43
IDLTL018-WW3, warm white, 2700-4500 K, 200 lm, ±75°, If 320 mA, Vf 9.0-11.0 V		EOL		6,85	7,50
IDLTL018-WW6, warm white, 2700-4500 K, 410 lm, ±75°, If 640 mA, Vf 9.0-11.0 V		EOL		10,44	11,43
IDLTL018-WW9, warm white, 2700-4500 K, 700 lm, ±75°, If 960 mA, Vf 9.0-11.0 V		EOL		14,35	15,71



industrial series high power LED array
alu PCB design, diameter 30 mm

brightness 115 lm

IDLTO21-CW1, white, 5000-10000 K, 115 lm, ±75°, If 120 mA, Vf 11.6-13.5V	EOL	4,70	5,15
IDLTO21-WW1, warm white, 2700-4500 K, 110 lm, ±75°, If 120 mA, Vf 9.0-11.0V	EOL	4,70	5,15
IDLTO21-CW1HV, white, 5000-10000 K, 115 lm, ±75°, If 20 mA, Vf 70-82 V	EOL	4,70	5,15
IDLTO21-WW1HV, warm white, 2700-4500 K, 110 lm, ±75°, If 20 mA, Vf 70-82 V	EOL	4,70	5,15



industrial durable high power LED array
alu PCB design 48 x 7 x 1.7 mm

brightness 175 lm

IDLTO20-WW3, warm white, 2700-4500 K, 160 lm, ±75°, If 320 mA, Vf 9.0-10.5 V	EOL	7,05	7,72
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DRIVERS FOR LEDs



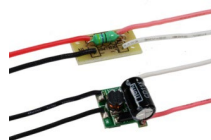
LED TESTER	Status	MOQ	EUR / pc	USD / pc
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compact handheld LED Tester
2, 5, 10, 20, 30, 50, 70, 150 mA selectable
suitable for standard and piranha LEDs
control LED
battery included

LED TESTER, 2...150 mA, battery included, 75 g, 80 x 55 x 22 mm			9,90	10,84
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DRIVERS FOR LEDs	Status	MOQ	EUR / pc	USD / pc
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Drivers for LEDs

- constant current logic
- easy to install
- small size

LLP20, output 20-30 mA, input 1.5 VDC, for 1-5 LEDs (Vf 3.0 V), 21x11 mm			2,48	2,72
CDDL350, output 350 mA, 12-24 V, input 7-30 VDC, 18x13 mm			3,90	4,27
CDDL700, output 700 mA, 12-24 V, input 7-30 VDC, 18x13 mm			3,90	4,27



Constant current driver for high power LEDs
- **Supply voltage 220 -240 VAC**
- DC constant current output
- Output current selectable by jumper
- Protection: thermal, overload, overvoltage, short circuit
- CE certified, complies EN 61347-2-13

MULTIPOWER15-2, 150/250/350 mA, 220-240 VAC, 15 W, 34 x 115 x 19 mm ³	NEW		28,70	31,42
MULTIPOWER20, 200-950 mA, 220-240 VAC, 20 W, 118 x 52 x 22 mm ³	NEW		35,40	38,76



Constant current driver for high power LEDs
- **Supply voltage 95 -240 VAC**
- DC constant current output
- Thermal overload protection
- Short circuit protection
- CE certified, complies EN 61347-2-13

PTDCC/3/350N, 350 mA, 95 - 240 VAC, 3 W, 40 x 42 x 21 mm ³			15,90	17,41
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Constant current driver for high power LEDs
- **Supply voltage 220 -240 VAC**
- DC constant current output
- Thermal overload protection
- Short circuit protection
- CE certified, complies EN 61347

PTDCC/15/500, 500 mA, 220-240 VAC, 17 W, 38 x 123 x 21 mm ³			27,35	29,95
PTDCC/15/700, 700 mA, 220-240 VAC, 17 W, 38 x 123 x 21 mm ³			28,55	31,26



Constant current driver for high power LED
- **Supply voltage 95 -240 VAC**
- DC constant current output
- Thermal overload and short circuit protection
- Built-in type
- CE certified, complies EN 61347

PTDCCL/10/350, 350 mA, 95-240 VAC, 10 W, 22 x 145 x 22 mm ³			19,80	21,68
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MID-IR LEDs





MID-IR LEDs single chip 1.05 - 4.80 μm	Status	MOQ	EUR / pc	USD / pc
 <p>Standard Mid-IR LEDs - wavelength: 1 - 5 μm - QCW and pulse mode operation options: parabolic reflector (R), window (W), thermoelectric cooler and thermoresistor (T), glass cover (L), narrow spectrum (NS) package: SMD, TO-18, TO-5</p>				
1.05 μm				
LED10-SMD3020, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED10, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, cap, window			85,10	93,18
LED10-R, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, reflector, no window			96,20	105,33
LED10-RW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, reflector, window			118,40	129,64
LED10-TW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-5, cap, window, TEC			252,00	275,93
LED10-TRW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-5, reflector, window, TEC			271,25	297,00
1.32 μm				
LED13-SMD3020, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED13, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, cap, window			85,10	93,18
LED13-R, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, reflector, no window			96,20	105,33
LED13-RW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, reflector, window			118,40	129,64
LED13-TW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-5, cap, window, TEC			252,00	275,93
LED13-TRW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-5, reflector, window, TEC			271,25	297,00
1.45 μm				
LED14-SMD3020, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED14, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, cap, window			85,10	93,18
LED14-R, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, reflector, no window			96,20	105,33
LED14-RW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, reflector, window			118,40	129,64
LED14-TW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-5, cap, window, TEC			252,00	275,93
LED14-TRW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-5, reflector, window, TEC			271,25	297,00
1.53 μm				
LED15-SMD3020, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED15, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, cap, window			85,10	93,18
LED15-R, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, reflector, no window			96,20	105,33
LED15-RW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, reflector, window			118,40	129,64
LED15-TW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-5, cap, window, TEC			252,00	275,93
LED15-TRW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-5, reflector, window, TEC			271,25	297,00
1.65 μm				
LED16-SMD3020, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED16, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, cap, window			85,10	93,18
LED16-R, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, reflector, no window			96,20	105,33
LED16-RW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, reflector, window			118,40	129,64
LED16-TW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-5, cap, window, TEC			252,00	275,93
LED16-TRW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-5, reflector, window, TEC			271,25	297,00
1.73 μm				
LED17-SMD3020, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, SMD 3x2 mm		10 pcs.	53,65	58,74
LED17, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, cap, window			85,10	93,18
LED17-R, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, reflector, no window			96,20	105,33
LED17-RW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, reflector, window			118,40	129,64
LED17-TW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-5, cap, window, TEC			252,00	275,93
LED17-TRW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-5, reflector, window, TEC			271,25	297,00
1.85 μm				
LED18-SMD3020, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, SMD 3x2 mm		10 pcs.	70,30	76,97
LED18, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, cap, window			92,50	101,28
LED18-R, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, reflector, no window			103,60	113,44
LED18-RW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, reflector, window			125,80	137,74
LED18-TW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-5, cap, window, TEC			259,00	283,59
LED18-TRW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-5, reflector, window, TEC			278,25	304,67
1.95 μm				
LED19-SMD3020, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, SMD 3x2 mm		10 pcs.	70,30	76,97
LED19, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, cap, window			92,50	101,28
LED19-R, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window			103,60	113,44
LED19-RW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, reflector, window			125,80	137,74
LED19-TW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC			259,00	283,59
LED19-TRW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC			278,25	304,67
2.05 μm				
LED20-SMD3020, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm		10 pcs.	70,30	76,97
LED20, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, window			92,50	101,28
LED20-R, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window			103,60	113,44
LED20-RW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window			125,80	137,74
LED20-TW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC			259,00	283,59
LED20-TRW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC			278,25	304,67
2.15 μm				
LED21-SMD3020, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm		10 pcs.	70,30	76,97
LED21, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, window			92,50	101,28
LED21-R, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window			103,60	113,44
LED21-RW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window			125,80	137,74
LED21-TW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC			259,00	283,59
LED21-TRW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC			278,25	304,67
2.22 μm				
LED22-SMD3020, 2.20-2.29 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm		10 pcs.	70,30	76,97


LED22, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, no window		92,50	101,28
LED22-R, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window		103,60	113,44
LED22-RW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window		125,80	137,74
LED22-TW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC		259,00	283,59
LED22-TRW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC		278,25	304,67
2.35 µm			
LED23-SMD3020, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED23, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, cap, no window		92,50	101,28
LED23-R, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, reflector, no window		103,60	113,44
LED23-RW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, reflector, window		125,80	137,74
LED23-TW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-5, cap, window, TEC		259,00	283,59
LED23-TRW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-5, reflector, window, TEC		278,25	304,67
2.75 µm			
LED27-SMD3020, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED27, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, cap, no window		92,50	101,28
LED27-R, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, reflector, no window		103,60	113,44
LED27-RW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, reflector, window		125,80	137,74
LED27-CH, 2.70-2.79 µm, FWHM 300-500 nm, QCW 50-150 µW, TO-18, chalcogenide glass		103,60	113,44
LED27-TW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-5, cap, window, TEC		259,00	283,59
LED27-TRW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-5, reflector, window, TEC		278,25	304,67
2.84 µm			
LED28-SMD3020, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED28, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, cap, no window		92,50	101,28
LED28-R, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, reflector, no window		103,60	113,44
LED28-RW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, reflector, window		125,80	137,74
LED28-CH, 2.83-2.90 µm, FWHM 300-500 nm, QCW 100-300 µW, TO-18, chalcogenide glass		103,60	113,44
LED28-TW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-5, cap, window, TEC		259,00	283,59
LED28-TRW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-5, reflector, window, TEC		278,25	304,67
3.40 µm			
LED34-SMD3020, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, SMD 3x2 mm	10 pcs.	38,85	42,54
LED34, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, cap, no window		49,95	54,69
LED34-R, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, reflector, no window		61,05	66,85
LED34-RW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, reflector, window		83,25	91,15
LED34-CH, 3.30-3.44 µm, FWHM 250-600 nm, QCW 100-300 µW, TO-18, chalcogenide glass		61,05	66,85
LED34-TW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-5, cap, window, TEC		218,75	239,52
LED34-TRW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-5, reflector, window, TEC		238,00	260,60
3.45 µm			
LED35-SMD3020, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED35, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, cap, no window		92,50	101,28
LED35-R, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, reflector, no window		103,60	113,44
LED35-RW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, reflector, window		125,80	137,74
LED35-TW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-5, cap, window, TEC		259,00	283,59
LED35-TRW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-5, reflector, window, TEC		278,25	304,67
3.56 µm			
LED36-SMD3020, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED36, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, cap, no window		92,50	101,28
LED36-R, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, reflector, no window		103,60	113,44
LED36-RW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, reflector, window		125,80	137,74
LED36-TW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-5, cap, window, TEC		259,00	283,59
LED36-TRW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-5, reflector, window, TEC		278,25	304,67
3.85 µm			
LED38-SMD3020, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, SMD 3x2 mm	10 pcs.	38,85	42,54
LED38, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, cap, no window		49,95	54,69
LED38-R, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, reflector, no window		61,05	66,85
LED38-RW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, reflector, window		83,25	91,15
LED38-CH, 3.70-3.94 µm, FWHM 400-700 nm, QCW 80-180 µW, TO-18, chalcogenide glass		61,05	66,85
LED38-TW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-5, cap, window, TEC		218,75	239,52
LED38-TRW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-5, reflector, window, TEC		238,00	260,60
4.05 µm			
LED41-SMD3020, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, SMD 3x2 mm	10 pcs.	70,30	76,97
LED41, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, cap, no window		92,50	101,28
LED41-R, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, reflector, no window		103,60	113,44
LED41-RW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, reflector, window		125,80	137,74
LED41-TW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-5, cap, window, TEC		259,00	283,59
LED41-TRW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-5, reflector, window, TEC		278,25	304,67
4.15 µm			
LED43-SMD3020, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, SMD 3x2 mm	10 pcs.	38,85	42,54
LED43, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, cap, no window		49,95	54,69
LED43-R, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, reflector, no window		61,05	66,85
LED43-RW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, reflector, window		83,25	91,15
LED43-CH, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 80-180 µW, TO-18, chalcogenide glass		58,80	64,38
LED43-TW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-5, cap, window, TEC		218,75	239,52
LED43-TRW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-5, reflector, window, TEC		238,00	260,60
LED43-CHTRW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW >50 µW, TO-5, chalcogenide glass, reflector, window, TEC		337,75	369,82


4.35 µm			
LED44-R, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >12 µW, TO-18, reflector, no window		103,60	113,44
LED44-RW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >12 µW, TO-18, reflector, window		125,80	137,74
LED44-CH, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >75 µW, TO-18, chalcogenide glass		103,60	113,44
LED44-TRW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >10 µW, TO-5, reflector, window, TEC		278,25	304,67
LED44-CHTRW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >45 µW, TO-5, chalcogenide glass, reflector, window, TEC		378,00	413,89
4.70 µm			
IR S-LED 4.70, peak 4.7 µm, >20 µW, 1 A / 5 µs pulse, 500 Hz, ±15°, TO-39		172,92	189,34
4.80 µm			
IR S-LED 4.80, peak 4.8 µm, >20 µW, 1 A / 5 µs pulse, 500 Hz, ±15°, TO-39		210,42	230,40

MID-IR LEDs multi chip 1.05 - 4.60 µm	Status	MOQ	EUR / pc	USD / pc
3.40 µm, 4 chips, single wavelength				
LED34M4, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, cap, window			246,40	269,79
LED34M4-R, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, reflector,			257,60	282,06
LED34M4-RW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, reflector, window			280,00	306,58
LED34M4-TW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-5, cap, window, TEC			420,00	459,88
LED34M4-TRW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-5, reflector, win., TEC			440,00	481,77
4.30 µm, 4 chips, single wavelength				
LED43M4, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, cap, window			246,40	269,79
LED43M4-R, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, reflector,			257,60	282,06
LED43M4-RW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, reflector, window			299,60	328,04
LED43M4-TW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-5, cap, window, TEC			420,00	459,88
LED43M4-TRW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-5, reflector, win., TEC			420,00	459,88
2 chips, multi-wavelength, independent operation				
LED1915M2, 1.94 and 1.55 µm, peak, 2 chips, independent, TO-18			221,20	242,20
LED2015M2, 2.06 and 1.55 µm, peak, 2 chips, independent, TO-18			221,20	242,20
LED2315M2, 2.34 and 1.55 µm, peak, 2 chips, independent, TO-18			226,80	248,33
LED3429M2, 3.34 and 2.9 µm, peak, 2 chips, independent, TO-18			221,20	242,20
LED3629M2, 3.6 and 2.9 µm, peak, 2 chips, independent, TO-18			221,20	242,20
LED3829M2, 3.8 and 2.9 µm, peak, 2 chips, independent, TO-18			221,20	242,20
LED4337M2, 4.27 and 3.7 µm, peak, 2 chips, independent, TO-18			226,80	248,33
LED4637M2, 4.67 and 3.7 µm, peak, 2 chips, independent, TO-18			226,80	248,33
1.3 - 2.1 µm, 6 chips, multi-wavelength, independent operation				
LED13-21M6, 1.3-2.1 µm, 6 independent chips, pulse mode, TO-5, cap, window			220,00	240,89
LED13-21M6-TW, 1.3-2.1 µm, 6 independent chips, pulse mode, TO-5, cap, window, TEC			220,00	240,89
further wavelengths on request				


ACCESSORIES FOR MID-IR LEDs 				
PARABOLIC REFLECTOR	Status	MOQ	EUR / pc	USD / pc
PARABOLIC REFLECTOR, aluminium reflector for TO-18 package			16,00	17,52


MINI DRIVER BOARDS FOR MID-IR LEDs QCW and PULSED MODE				
Status	MOQ	EUR / pc	USD / pc	
 <p>Current pulse drivers for LEDs and Mid-IR LEDs</p> <ul style="list-style-type: none"> - open pcb type - fixed parameters - synchronization output <p>operating voltage: 5 VDC size: 12 x 24 mm</p>				
PCB-MDRIVER-QCW, QCW mode, 50%, duty cycle, 500 µs on/off, f 1kHz, current 150 mA			103,60	113,44
PCB-MDRIVER-P, PULSED mode, 5 µs on / 495 µs off, 2 kHz, 2 A			103,60	113,44

MULTI-CHANNEL DRIVER BOARD FOR MID-IR LEDs PULSED MODE		Status	MOQ	EUR / pc	USD / pc
 <p>Multi-Channel pulse driver for LEDs and Mid-IR LEDs - open pcb type - fixed pulsed mode (set to your needs) - each channel 0.4 A and 0.5 kHz operating voltage: 12 VDC size: 105 x 70 x 15 mm</p>	PCB-DRIVER-MC, multi-channel, up to 8 channels, PD input, synch. detector			808,50	885,26
	PCB-DRIVER-MCA, multi-channel, up to 8 channels, PD input & preamplifier, synch. detector			808,50	885,26

CURRENT CONTROLLERS FOR MID-IR LEDs QCW and PULSED MODE		Status	MOQ	EUR / pc	USD / pc
 <p>Drivers for LEDs and Laser Diodes - qcw mode for max. average optical power - pulsed mode for max. peak optical power - available with integrated thermocooler</p>	D-11, qcw & pulsed driver for LEDs and LDs, adjustable operation mode			148,00	162,05
	D-31M, qcw & pulsed driver for LEDs, adjustable current/pulse/rep. rate			216,30	236,84
	DLT-27, qcw & pulsed mode driver for LEDs and LDs with TEC			413,70	452,98
	DLT-37, qcw & pulsed mode driver for LEDs with TEC, adj.current/pulse/rep. rate			426,30	466,77

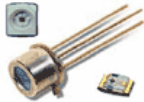
FIBER-COUPLED LEDs ↑

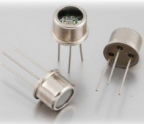
FIBER-COUPLED LEDs single wavelength		Status	MOQ	EUR / pc	USD / pc
 <p>Fiber-Coupled LED, Single Wavelength available in the wavelength range from 375 to 1550 nm - compact size (head 64 x 46.5 x 30 mm) - adjustable output power - standard fiber: 600 µm, 0.22 NA - driver unit and power supply included optional available: analog or TTL modulation</p>	LED375-10F0, 375 nm, 10 mW, fiber core 600 µm, SMA connector			545,50	597,29
	LED405-8F0, 405 nm, 8 mW, fiber core 600 µm, SMA connector			545,50	597,29
	LED430-1F5, 405 nm, 1.5 mW, fiber core 600 µm, SMA connector			818,30	895,99
	LED460-8F0, 460 nm, 8 mW, fiber core 600 µm, SMA connector			664,80	727,92
	LED470-5F0, 470 nm, 5 mW, fiber core 600 µm, SMA connector			716,00	783,98
	LED500-3F0, 500 nm, 3 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED530-5F0, 530 nm, 5 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED565-3F0, 565 nm, 3 mW, fiber core 600 µm, SMA connector			716,00	783,98
	LED600-3F0, 600 nm, 3 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED620-6F0, 620 nm, 6 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED625-5F0, 620 nm, 5 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED660-5F0, 660 nm, 5 mW, fiber core 600 µm, SMA connector			767,10	839,93
	LED730-5F0, 730 nm, 5 mW, fiber core 600 µm, SMA connector			784,20	858,65
	LED808-5F0, 808 nm, 5 mW, fiber core 600 µm, SMA connector			818,30	895,99
	LED850-8F0, 850 nm, 8 mW, fiber core 600 µm, SMA connector			869,40	951,94
	LED880-1F0, 880 nm, 1 mW, fiber core 600 µm, SMA connector			716,00	783,98
	LED940-4F0, 940 nm, 4 mW, fiber core 600 µm, SMA connector			716,00	783,98
	LED1050-4F0, 1050 nm, 4 mW, fiber core 600 µm, SMA connector			1.193,30	1.306,59

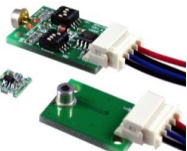
FIBER-COUPLED LEDs multi wavelength		Status	MOQ	EUR / pc	USD / pc
 <p>Fiber-Coupled LED, Multi-Wavelength contains multiple wavelengths, as required, in the range from 375 to 1550 nm. - up to 12 different wavelengths - independent and adjustable output power - fiber core size: 400, 600, 800 or 1000 µm - one-box-solution, power supply included optional available: analog or TTL modulation</p>	LED-MULTI-F-4, multi-wavelength, 4 wavelengths, adjustable output, fiber-coupled, one-box			3.579,90	3.919,78
	LED-MULTI-F-12, multi-wavelength, 12 wavelengths, adjustable output, fiber-coupled, one-box				o.r.

PHOTODIODES - UV




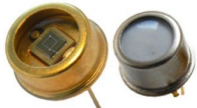
UV PHOTODIODES GaN	Status	MOQ	EUR / pc	USD / pc
 <p>UV-photodiodes based on GaN, AlGaIn and InGaIn are intrinsic visible blind due to high bandgap material, extreme irradiation hardness</p>				
UVC < 245 nm				
GFUV-T10GD-L, far UVC, <245 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass			28,13	30,80
UVC 220 - 280 nm				
GUVV-S10GD, 220-280 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass			6,75	7,39
GUVV-T10GD, 220-280 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass, cathode case			18,45	20,20
GUVV-T11GD, 220-280 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass, anode case			15,30	16,75
GUVV-T10GD-L, 220-280 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass			26,33	28,83
GUVV-T20GD-U, 220-280 nm, AlGaIn, 6.894 mm ² , TO-39, quartz glass			81,90	89,68
UVC 220 - 280 nm LED Monitoring				
GUVVCL-S10GD, 230-320 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass			7,88	8,63
GUVVCL-T10GD, 230-320 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass			20,25	22,17
UVB 220 - 320 nm				
GUVB-C21SD, 260-320 nm, AlGaIn, 0.076 mm ² , COB 2.4x1.8x1.0 mm			3,60	3,94
GUVB-S11SD, 240-320 nm, AlGaIn, 0.4 mm, SMD 3528, ceramic, silicone resin			3,80	4,16
GUVB-S31GD, 220-320 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass			6,75	7,39
GUVB-C31SM, digital sensor, AlGaIn, 0.0162 mm ² , I2C, 2.6-3.6 V, silicone, COB 2.0x2.3x1.4 mm	EOL		5,40	5,91
GUVB-T11GD, 220-320 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass			16,20	17,74
GUVB-T11GD-L, 220-320 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass			25,43	27,84
GUVB-T21GD-U, 220-320 nm, AlGaIn, 6.894 mm ² , TO-39, quartz glass			66,90	73,25
UVA 220 - 370 nm				
GUVA-S12SD, 240-370 nm, GaN, 0.076 mm ² , SMD 3528, ceramic, silicone resin			3,79	4,15
GUVA-S12GD, 200-370 nm, GaN, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass			7,65	8,38
GUVA-C22SD, 240-370 nm, GaN, 0.076 mm ² , COB 2418, Si encapsulant			2,45	2,68
GUVA-C32SM, digital sensor, GaN, 0.0162 mm ² , I2C, 2.6-3.6 V, silicone, COB 2.0x2.3x1.4 mm	EOL		4,95	5,42
GUVA-T11GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, cathode case			11,48	12,57
GUVA-T13GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, anode case		5 pcs.	11,47	12,56
GUVA-T31GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, 3-Pin		5 pcs.	11,48	12,56
GUVA-T11GD-L, 220-370 nm, GaN, 1.536 mm ² , TO-46, quartz glass			18,00	19,71
GUVA-T31GD-L, 220-370 nm, GaN, 1.536 mm ² , TO-46, quartz glass, 3-Pin, anode & cathode insulated			18,68	20,45
GUVA-T21GD-U, 220-370 nm, GaN, 6.894 mm ² , TO-39, quartz glass			43,70	47,85
UV Broadband 230 - 395 nm				
GUVV-C20SD, 240-395 nm, InGaIn, 0.076 mm ² , COB 2.4x1.8x1.0 mm			2,70	2,96
GUVV-S10SD, 240-395 nm, InGaIn, 0.076 mm ² , SMD 3528, ceramic, silicone resin			3,90	4,27
GUVV-T10GD, 230-395 nm, InGaIn, 0.076 mm ² , TO-46, quartz glass			15,30	16,75
GUVV-T10GD-L, 230-395 nm, InGaIn, 1.536 mm ² , TO-46, quartz glass			24,30	26,61
GUVV-T20GD-U, 230-395 nm, InGaIn, 6.894 mm ² , TO-39, quartz glass	EOL		71,40	78,18
UVB - VIS 295 - 510 nm				
GVBL-S12SD, 345-450 nm, InGaIn, chip size 0.06 mm ² , SMD 3528, ceramic, silicone resin			2,45	2,68
GVBL-T12GD, 330-445 nm, InGaIn, chip size 0.065 mm ² , TO-46, quartz glass			8,82	9,66
GVBL-T14GD, 345-445 nm, InGaIn, chip size 0.065 mm ² , TO-46, quartz glass			13,40	14,67
GVGR-S11SD, 295-490 nm, InGaIn, chip size 0.0484 mm ² , SMD 3528, ceramic, silicone resin			2,45	2,68
GVGR-T10GD, 300-510 nm, InGaIn, 0.051 mm ² , TO-46, quartz glass	EOL		11,48	12,57
GVGR-T11GD, 295-505 nm, InGaIn, 0.0484 mm ² , TO-46, quartz glass			11,48	12,56

UV PHOTODIODES GaN integrated TIA	Status	MOQ	EUR / pc	USD / pc
 <p>UV-photodiode based on GaN, AlGaIn and InGaIn with integrated transimpedance amplifier for ultra low level UV radiation detection peak response: 280 nm, 320 nm, 370 nm, 395 nm</p>				
GUVVCL-T21GH, 230-320 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass			31,50	34,49
GUVV-T21GH, 220-280 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass			28,20	30,88
GUVB-T21GH, 220-320 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass			28,20	30,88
GUVA-T21GH, 220-370 nm, GaN, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass			21,75	23,81
GUVV-T21GH, 230-395 nm, InGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass			47,70	52,23


UV SENSOR MODULES GaN	Status	MOQ	EUR / pc	USD / pc
 <p>UV Sensor Modules based on GaN Single supply voltage 0-5VDC output voltage GUVV, GUVB series: AlGaIn based GUVA series: GaN based GUVV, GVBL, GVGR series: InGaIn based</p>				
Analog Output				
GUVV-S10SM-LA, sensor module, 240-395 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³			56,07	61,39
GUVA-T11GM-LA, sensor module, 220-280 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³			59,43	65,07
GUVA-S12SM-LA, sensor module, 240-370 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³			56,07	61,39
GUVA-S12GM-LA, sensor module, 240-370 nm, 0.076 mm ² , 0-5V output, SMD, metal, 28x17x9 mm ³			56,07	61,39
GUVB-T11GM-LA, sensor module, 220-320 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³			59,43	65,07


GUVB-S11SM-LA, sensor module, 240-320 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³	56,07	61,39
GUVV-T10GM-LA, sensor module, 220-280 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³	59,43	65,07
GFUV-T10GM-LA-L, far UVC sensor module, 222 nm, 1.536 mm ² , TO-can, 28x17x9 mm ³	98,90	108,29
Digital Output		
GUVV-S10GM, digital sensor, 395 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm	24,75	27,10
GUVA-S12GM, digital sensor, 370 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm	24,75	27,10
GUVB-S31GM, digital sensor, 320 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm	24,75	27,10
GUVV-S10GM, digital sensor, 280 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm	24,75	27,10
For Arduino		
GVGR-T10GM-AD, sensor module, 300-510 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GVBL-T12GM-AD, sensor module, 320-445 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GUVL-T10GM-AD, sensor module, 220-320 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GUVV-T10GM-AD, sensor module, 230-395 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GUVA-T11GM-AD, sensor module, 220-370 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GUVB-T11GM-AD, sensor module, 220-320 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07
GUVV-T10GM-AD, sensor module, 220-280 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³	59,43	65,07


UVI-CHECKER GaN	Status	MOQ	EUR / pc	USD / pc
 <p>UVI Checker for directly measuring the UV radiation intensity of the sun with your smart phone</p> <ul style="list-style-type: none"> - works with Apple & Android phones - required app freely available - no battery required - real time measurement 				
SMART-UVI-CHECKER, 240-370 nm, 0-10 UVI, size 10 x 30 mm, incl. Ear Jack 47 mm			26,00	28,47


UV PHOTODIODES SiC	Status	MOQ	EUR / pc	USD / pc
 <p>Silicon Carbide Photodiodes offering high visible blindness, low dark current, high speed, and low noise</p> <ul style="list-style-type: none"> - operating temp. range -55 ... 170°C - visible blindness >10¹⁰ - UVA, -B, -C, and UV broadband version avail. - Erythem versions for measuring UV-index (UVI) available 				
UVC 230 - 285 nm				
SIC01S-C18, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-18			53,20	58,25
SIC01S-C18D, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-18, diffusor			91,20	99,86
SIC01S-C5, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-5			60,80	66,57
SIC01M-C18, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-18			102,60	112,34
SIC01M-C5, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-5			110,20	120,66
SIC01M-C5D, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-5, diffusor			131,10	143,55
SIC01D-C18, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-18			102,60	112,34
SIC01D-C18D, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-18, diffusor			125,40	137,31
SIC01D-C5D, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-5, diffusor			131,10	143,55
SIC01D-C5LENS, UVC, 225-287 nm, peak 275 nm, Ø0.5 mm ² , TO-5, lens, flame detection (EN298)			125,40	137,31
SIC01L-C18, UVC, 230-285 nm, peak 270 nm, Ø1.0 mm ² , TO-18			180,50	197,64
SIC01L-C18ISO90, UVC, 225-287 nm, peak 275 nm, Ø1.0 mm ² , TO-18, both pins isolated			190,00	208,04
SIC01L-C5, UVC, 230-285 nm, peak 270 nm, Ø1.0 mm ² , TO-5			180,50	197,64
SIC01F-C5, UVC, 230-285 nm, peak 270 nm, Ø1.82 mm ² , TO-5			222,30	243,41
SIC01L-C5ISO90, UVC, 225-287 nm, peak 275 nm, Ø1.0 mm ² , TO-5, both pins isolated			190,00	208,04
SIC01XL-C5, UVC, 230-285 nm, peak 270 nm, Ø7.6 mm ² , TO-5			550,80	603,09
SIC01XL-C5ISO90, UV-broadband, 225-287 nm, peak 275 nm, Ø7.6 mm ² , TO-5, both pins isolated			554,04	606,64
UVB 230 - 315 nm				
SIC01S-B18, UVB, 230-315 nm, peak 280 nm, Ø0.06 mm ² , TO-18			53,20	58,25
SIC01M-B5, UVB, 230-315 nm, peak 280 nm, Ø0.2 mm ² , TO-5			110,20	120,66
SIC01M-B18, UVB, 230-315 nm, peak 280 nm, Ø0.2 mm ² , TO-18			102,60	112,34
SIC01D-BC18, UVB, 230-315 nm, peak 280 nm, Ø0.5 mm ² , TO-18			102,60	112,34
SIC01L-B5, UVB, 230-315 nm, peak 280 nm, Ø1.0 mm ² , TO-5			180,50	197,64
SIC01L-B18, UVB, 230-315 nm, peak 280 nm, Ø1.0 mm ² , TO-18			180,50	197,64
SIC01L-B5ISO90, UVB, 231-309 nm, peak 280 nm, Ø1.0 mm ² , TO-5, both pins isolated			190,00	208,04
SIC01XL-B5, UVB, 230-315 nm, peak 280 nm, Ø7.6 mm ² , TO-5			550,80	603,09
UVA 310 - 370 nm				
SIC01S-A18, UVA, 310-370 nm, peak 335 nm, Ø0.06 mm ² , TO-18			53,20	58,25
SIC01S-A5, UVA, 310-370 nm, peak 335 nm, Ø0.06 mm ² , TO-5			60,80	66,57
SIC01M-A18, UVA, 310-370 nm, peak 335 nm, Ø0.2 mm ² , TO-18			102,60	112,34
SIC01M-A5, UVA, 310-370 nm, peak 335 nm, Ø0.2 mm ² , TO-5			110,20	120,66
SIC01D-A18, UVA, 310-370 nm, peak 335 nm, Ø0.5 mm ² , TO-18			102,60	112,34
SIC01D-A18ISO90, UVA, 309-367 nm, peak 331 nm, Ø0.5 mm ² , TO-18, both pins isolated			114,00	124,82
SIC01D-A5, UVA, 310-370 nm, peak 335 nm, Ø0.5 mm ² , TO-5			110,20	120,66
SIC01L-A18, UVA, 309-367 nm, peak 331 nm, Ø1.0 mm ² , TO-18			180,50	197,64
SIC01L-A18ISO90, UVA, 309-367 nm, peak 331 nm, Ø1.0 mm ² , TO-18, both pins isolated			190,00	208,04
SIC01L-A5, UVA, 310-370 nm, peak 335 nm, Ø1.0 mm ² , TO-5			180,50	197,64
SIC01XL-A5, UVA, 210-370 nm, peak 335 nm, Ø7.6 mm ² , TO-5			550,80	603,09
UV Broadband 215 - 365 nm				
SIC01S-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18			25,00	27,37
SIC01S-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18, low cap			29,00	31,75
SIC01S-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18, both pins isolated			41,80	45,77
SIC01S-18D, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18			57,00	62,41
SIC01S-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-5			29,00	31,75
SIC01S-5ISO90LENS, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-5, both pins isolated, lens			62,70	68,65
SIC01M-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18			60,80	66,57
SIC01M-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18, low cap			64,60	70,73
SIC01M-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18, both pins isolated			70,30	76,97
SIC01M-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-5			64,60	70,73
SIC01M-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø0.2 mm ² , TO-5, flame detection (EN298)			81,70	89,46
SIC01D-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18			60,80	66,57
SIC01D-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18, both pins isolated			70,30	76,97
SIC01D-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18, low cap			64,60	70,73
SIC01D-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-5			64,60	70,73
SIC01D-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-5, both pins isolated			70,30	76,97
SIC01D-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø0.5 mm ² , TO-5, flame detection (EN298)			81,70	89,46
SIC01L-18, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18			136,80	149,79
SIC01L-18S, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18, low cap			136,80	149,79
SIC01L-18ISO90, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18, both pins isolated			155,80	170,59
SIC01L-5, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-5			136,80	149,79
SIC01L-5ISO90, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-5, both pins isolated			155,80	170,59
SIC01L-5ISO90LENS, UV-broadband, 215-365 nm, peak 285 nm, Ø1.0 mm ² , TO-5, both pins isolated, lens			180,50	197,64
SIC01L-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø1.0 mm ² , TO-5, flame detection (EN298)			172,90	189,32
SIC01F-18, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-18			180,50	197,64
SIC01F-5, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-5			180,50	197,64
SIC01F-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-5, both pins isolated			180,50	197,64

SIC01XL-5, UV-broadband, 215-365 nm, peak 285 nm, Ø7.6 mm ² , TO-5	502,20	549,88
SIC01XL-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø7.6 mm ² , TO-5, both pins isolated	502,20	549,88
SIC01Q-5, UV-broadband, 215-365 nm, peak 285 nm, 4x 1.4 mm ² , TO-5	704,00	770,84
UV-Index DIN5050, CIE087		
SIC01L-E5, Erythem, 2 nA/UVI, Ø1.0 mm ² , UV-Index (DIN5050/CIE087), TO-5	203,30	222,60

UV PHOTODIODES SIC integrated TIA	Status	MOQ	EUR / pc	USD / pc
 <p>Silicon Carbide pre-amplified UV photodetector</p> <ul style="list-style-type: none"> - integrated transimpedance amplifier - 0...5V stable output voltage - no external amplifier required - TO-5 metal can housing 				
UVC 230 - 285 nm				
UV-TIAMO-C1, 225-287 nm, <180 nW/cm ² , chip size 0.5 mm ² , flat window			189,75	207,77
UV-TIAMO-BLC2, 225-287 nm, <180 nW/cm ² , chip size 0.5 mm ² , ball lens			165,00	180,67
UV-TIAMO-BLC3, 225-287 nm, <1.8 µW/cm ² , chip size 0.5 mm ² , ball lens			165,00	180,67
UV-TIAMO-C4, 225-287 nm, <18 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-C5, 225-287 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-C6, 225-287 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-C7, 225-287 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-TIAMO-C8, 225-287 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-TIAMO-C9, 225-287 nm, <1.8 W/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UVB 243 - 303 nm				
UV-TIAMO-B4, 243-303 nm, <7.5 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-B5, 243-303 nm, <75 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-B6, 243-303 nm, <0.75 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UVA 310 - 370 nm				
UV-TIAMO-BLA, 309-367 nm, <18 µW/cm ² , chip size 0.5 mm ² , ball lens			165,00	180,67
UV-TIAMO-A5, 309-367 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-A6, 309-367 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor			165,00	180,67
UV-TIAMO-A7, 309-367 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-TIAMO-A8, 309-367 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-TIAMO-A9, 309-367 nm, <1.0 W/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV Broadband 215 - 365 nm				
UV-TIAMO-BL, 221-358 nm, <18 nW/cm ² , chip size 0.5 mm ² , ball lens, flame detection			165,00	180,67
UV-TIAMO-BL2, 221-358 nm, <180 nW/cm ² , chip size 0.5 mm ² , ball lens			151,80	166,21
UV-TIAMO-S3, 227-360 nm, <1, 8 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			151,80	166,21
UV-TIAMO, 227-360 nm, <18 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			151,80	166,21
UV-TIAMO-S5, 227-360 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor			151,80	166,21
UV-TIAMO-S6, 227-360 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor			151,80	166,21
UV-TIAMO-S7, 227-360 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			151,80	166,21
UV-TIAMO-M8, 227-360 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator			151,80	166,21
UV-TIAMO-M9, 227-360 nm, <1.8 W/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-TIAMO-M10, 227-360 nm, <18 W/cm ² , chip size 0.5 mm ² , flat window with attenuator			165,00	180,67
UV-Index DIN5050, CIE087				
UV-TIAMO-E1, 300-400 nm, <3 UVI, flat window, UV-Index (CIE087)			165,00	180,67
UV-TIAMO-E2, 300-400 nm, <30 UVI, flat window, UV-Index (CIE087)			165,00	180,67


UV-TIAMO housing options	Status	MOQ	EUR / pc	USD / pc
 <p>optional housings for UV-TIAMO Series</p> <p>material: stainless steel or PTFE</p> <p>waterproof: IP68 or pressure proof <10 bar</p>				
UV-TIAMO HS5, stainless steel M12x1 thread body, binder 5-pin plug, 2m cable, 2.5-5 VDC			141,10	154,50
UV-TIAMO HS24, stainless steel M12x1 thread body, binder 4-pin plug, 2m cable, 7-24 VDC			141,10	154,50
UV-TIAMO HWS24, stainless steel G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 7-24V			141,00	154,39
UV-TIAMO HP5, PTFE M12x1 thread body, IP68, binder 5-pin plug, 2m cable, 2.5-5 VDC			141,10	154,50
UV-TIAMO HP24, PTFE M12x1 thread body, IP68, binder 4-pin plug, 2m cable, 7-24 VDC			141,10	154,50
UV-TIAMO HWP5, PTFE G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 2.5-5V			141,10	154,50
UV-TIAMO HWP24, PTFE G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 7-24V			141,10	154,50


UV-TIAMO starter kit	Status	MOQ	EUR / pc	USD / pc
 <p>starter kit for UV-TIAMO Series</p>				
UV-TIAMO SKIT, starter kit, connector socket, 9 V block battery plug, 2 banana plugs			27,75	30,38

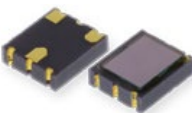
UV PHOTODIODES GaP	Status	MOQ	EUR / pc	USD / pc
 <p>UV-photodiodes based on GaP</p>				
EPD-280-0-0.3-1, 220-380 nm, active area 0.056 mm ² , TO-46			89,00	97,45
EPD-365-0/2.5-3, 245-405 nm, active area 4.8 mm ² , UG11filter, TO-39			140,46	153,80

PHOTODIODES - VIS



VIS PHOTODIODES Silicon	Status	MOQ	EUR / pc	USD / pc
 <p>Silicon PIN photodiodes featuring excellent responsivity and high photocurrent Range of Sensivity: 400-1100 nm, peak @ 900 nm Different packages: TO-46, TO-39, 3 mm, 5 mm, SMD RoHS compliant</p>				
SPD19-33, active area 0.43x0.43 mm, 900 nm peak, Id 12 nA, angle 50°, 3 mm epoxy package			1,52	1,66
SPD19-C, active area 0.44x0.44 mm, 900 nm peak, Id 6 nA, angle 80°, SMD 3.0x2.0x1.1 mm			2,52	2,76
SPD19-CT, active area 0.44x0.44 mm, 900 nm peak, Id 6 nA, angle 80°, SMD 3.5x2.7x1.8 mm		50 pcs.	2,28	2,50
SPD64-02, active area 0.81x0.81 mm, 900 nm peak, Id 20 nA, angle 28°, 5 mm epoxy package			2,16	2,37
SPD64-04, active area 0.81x0.81 mm, 900 nm peak, Id 14 nA, angle 90°, 5 mm epoxy package			1,58	1,73
SPD64-04B, active area 0.81x0.81 mm, 900 nm peak, Id 14 nA, angle 28°, filter, 5 mm epoxy package	EOL		1,77	1,94
SPD64-05, active area 0.8 x 0.8 mm ² , 5 mm epoxy, ±40°		500 pcs.	2,03	2,22
SPD17-0F, active area 1.25x1.25 mm, 900 nm peak, Id 25 nA, angle 110°, epoxy resin, TO-46			5,95	6,51
SPD400-0F, active area 2.0x2.0 mm, 900 nm peak, Id 50 nA, angle 120°, epoxy resin, TO-46			6,12	6,70

VIS PHOTODIODES Silicon integrated TIA	Status	MOQ	EUR / pc	USD / pc
 <p>PIN silicon photodiodes with low noise JFET TI amplifier, integrated feedback resistor and capacitor, hermetical TO-5 package with collimating glass lens, very low offset and drift parameters, dual supply voltage +/-5 V up to +/-18V, operating temperature: -25° .. +85 °C, RoHS and WEEE conformity</p>				
IQ800L, active area 4.8 mm ² , transimpedance 100 MOhm, 35 us, 10 kHz, ±50 degree			93,00	101,83
IQ801L, active area 4.8 mm ² , transimpedance 10 MOhm, 15 us, 25 kHz, ±50 degree			93,00	101,83
IQ802L, active area 4.8 mm ² , transimpedance 1 MOhm, 3 us, 120 kHz, ±50 degree			93,00	101,83


VIS AVALANCHE PHOTODIODES Silicon	Status	MOQ	EUR / pc	USD / pc
 <p>Silicon Avalanche Photodiode for Range Finding Application, LIDAR - small package: 3.8x3.8x1.3 mm² - high gain at low bias - fast response time, low noise - 905 nm narrowband filter available packages: LCC, TO-52 can</p>				
APD230-SMD, active area Ø0.23 mm, tr/τf 0.2 5ns, 1.5 pF, 3030 SMD package			19,80	21,68
APD500-LCC, active area Ø0.5 mm, tr/τf 0.6 ns, 1.2 pF, LCC6 package			24,30	26,61
APD500-TO52, active area Ø0.5 mm, tr/τf 0.6 ns, 1.2 pF, TO-52 package			33,10	36,24
APD500-TO52F, active area Ø0.5 mm, tr/τf 0.6 ns, 1.2 pF, TO-52 package			39,00	42,70


VIS PHOTO TRANSISTOR Silicon	Status	MOQ	EUR / pc	USD / pc
SPT36-05, chip size 0.8 x 0.8 mm ² , 5 mm epoxy, flat, photo current typ. 4 mA, ±40°			2,65	2,90
SPT36-33, chip size 0.8 x 0.8 mm ² , 3 mm epoxy, photo current typ. 7 mA, ±25°			2,65	2,90
SPT64-05, active area 0.8 x 0.8 mm ² , 5 mm epoxy, ±40°		500 pcs.	2,28	2,50
SPT64-33, active area 0.8 x 0.8 mm ² , 3 mm epoxy, photo current typ. 10 mA, ±25°		500 pcs.	2,03	2,22


VIS SELECTIVE PHOTODIODES Silicon	Status	MOQ	EUR / pc	USD / pc
 <p>wavelength selective photodiodes based on GaP, no interference filter or color glass filter used, photodiodes are intrinsic wavelength selective</p>				
BLUE				
EPD-470-3-0.5, 385-565 nm, active area 0.17 mm ² , 3 mm epoxy			12,90	14,12
EPD-470-5-0.5, 385-565 nm, active area 0.17 mm ² , 5 mm epoxy			12,90	14,12
GREEN				
EPD-525-5-0.5, 410-580 nm, active area 0.17 mm ² , 5 mm epoxy			4,50	4,93
EPD-525-1-0.9, 410-580 nm, active area 0.62 mm ² , SMD 1206			7,00	7,66
RED				
EPD-660-3-0.9, 605-705 nm, active area 0.62 mm ² , 3 mm epoxy			12,51	13,70
EPD-660-1-0.9, 605-705 nm, active area 0.62 mm ² , SMD 1206			28,10	30,77
IR				
EPD-880-5-0.5, 800-960 nm, active area 0.17 mm ² , 5 mm epoxy			7,00	7,66
EPD-880-5-0.9, 800-960 nm, active area 0.62 mm ² , 5 mm epoxy			7,00	7,66
EPD-880-1-0.9, 800-960 nm, active area 0.62 mm ² , SMD 1206			7,00	7,66
EPD-1300-3-0.2, 800-1750 nm, active area 0.032 mm ² , 3 mm epoxy			18,90	20,69

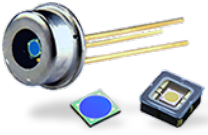
PHOTODIODES - IR

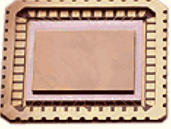


IR PHOTODIODES GaAs integrated TIA		Status	MOQ	EUR / pc	USD / pc
 <p>GaAs PIN photodiodes with integrated TIA amplifier</p> <ul style="list-style-type: none"> - 2.5 Gbps data rates - ball lens or flat window - TO-46 package 					
PD850-27TB-AMP, GaAs PIN PD, chip size 0.27x0.27 mm, 850 nm peak, 2.5 Gbps, TIA, TO-46, ball lens				8,80	9,64
PD850-27TF-AMP, GaAs PIN PD, chip size 0.27x0.27 mm, 850 nm peak, 2.5 Gbps, TIA, TO-46, flat window				8,80	9,64


IR PHOTODIODES InGaAs		Status	MOQ	EUR / pc	USD / pc
 <p>InGaAs, GaAs and InAsP photodiodes diverse packages chip die available on request</p>					
900 - 1700 nm					
IPD1450-038-SMT, 1450 nm peak, chip size 0.38x0.38 mm, Id <1 nA, angle 116°, SMD, 3.5x2.7x1.8 mm				7,16	7,84
IPD1450-038-5T, 1450 nm peak, chip size 0.38x0.38 mm, Id <1 nA, angle 58°, TO-18, flat window				20,85	22,83
PT5113, InGaAs PIN, 0.9 - 1.7 µm, Ø300 µm, >6 dBm, TO-46, flat window				15,70	17,19
LAPD-05-06-17-TO46, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø455 µm, TO-46				33,26	36,42
LAPD-05-09-17-TO46, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø455 µm, TO-46				25,19	27,58
LAPD-1-09-17-TO46, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, TO-46				46,00	50,37
LAPD-1-09-17-TO46-T5P, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, TEC, 5-pin, TO-46				o.r.	o.r.
LAPD-1-09-17-LCC, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, 6CLCC				46,00	50,37
IPD1450-200-SMB, 1550 nm peak, active area 2x2 mm, Id <5 nA, angle 124°, SMD, 5.0x5.2x1.0 mm				57,96	63,46
LAPD-2-09-17-TO39, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø1.85 mm, TO-39				152,25	166,70
LAPD-2-09-17-TO39-T8P, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø1.85 mm, TEC, TO-39, 8-Pin				o.r.	o.r.
LAPD-2-09-17-LCC, InGaAs, 0.9 - 1.7 µm, aperture size Ø1.85 mm, 8LCC				152,25	166,70
PT711, InGaAs PIN, 1.0 - 1.65 µm, Ø2 mm area, 10 dBm, TO-5, flat window				EOL	245,00
LAPD-3-09-17-TO39, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø3 mm, TO-39				425,00	465,35
LAPD-3-09-17-LCC, InGaAs, 0.9 - 1.7 µm, aperture size Ø3 mm, 8CLCC				425,00	465,35
600 - 1700 nm					
PT421, InGaAs PIN, 0.5 - 1.65 µm, Ø75 µm, 10 dBm, TO-46, flat window				EOL	22,90
LAPD-1-06-17-TO46, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø0.95 mm, TO-46				59,90	65,59
LAPD-1-06-17-LCC, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø0.95 mm, 6CLCC				59,90	65,59
LAPD-2-06-17-TO39, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø1.85 mm, TO-39				223,13	244,31
LAPD-2-06-17-LCC, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø1.85 mm, 8CLCC				223,13	244,31
1200 - 2200 nm					
LAPD-1-12-22-TO46, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø0.95 mm, TO-46				182,70	200,05
LAPD-1-12-22-TO46-T5P, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø0.95 mm, TEC, TO-46, 3-Pin				o.r.	o.r.
LAPD-2-12-22-TO39, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø1.85 mm, TO-39				539,40	590,61
LAPD-2-12-22-TO39-T8P, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø1.85 mm, TEC, TO-39, 8-Pin				o.r.	o.r.

IR PIGTAILED PHOTODIODES InGaAs		Status	MOQ	EUR / pc	USD / pc
 <p>pigtailed InGaAs photodiodes diverse packages and connectors available</p>					
FCPD-55-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, 9 µm SM fiber, FC/PC, coaxial package				48,00	52,56
FCPD-55-C9-APC, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, 9 µm SM fiber, FC/APC, coaxial package				45,90	50,26
FCPD-55-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, receptacle package, FC connector, without fiber				5 pcs.	53,20
FCPD-80-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 80 µm, 9 µm SM fiber, FC/PC, coaxial package				51,20	56,06
FCPD-80-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 80 µm, FC connector, receptacle package				58,80	64,38
FCPD-300-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 300 µm, 9 µm SM fiber, FC/PC, coaxial package				59,80	65,48
FCPD-300-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 300 µm, FC connector, receptacle package				59,50	65,15
FCPD-1000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 1 mm, 9 µm SM fiber, FC/PC, coaxial package				5 pcs.	181,30
FCPD-1000-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 1 mm, FC receptacle				96,60	105,77
FCPD-2000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 2 mm, 9 µm SM fiber, FC/PC, coaxial package				5 pcs.	294,60
FCPD-3000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 3 mm, 9 µm SM fiber, FC/PC, coaxial package				5 pcs.	588,00


IR AVALANCHE PHOTODIODES InGaAs		Status	MOQ	EUR / pc	USD / pc
 <p>InGaAs Avalanche Photodiode for Range Finding Application, LIDAR, Spectral Analysis, Communication, ...</p> <ul style="list-style-type: none"> - high sensitivity at 0.95 - 1.65 µm - low leakage current and noise - ≥700 MHz 3dB Bandwidth - Low Stray Absorption <p>available packages: chip die, LCC, TO-46 can</p>					
APD200-CHIP, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, Chip Die				84,00	91,98
APD200-LCC, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, 6CLCC				130,00	142,34
APD200-TO46, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, TO-46				130,00	142,34
APD200-TO46TEC, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, TEC, TO-46				299,00	327,39


IR FOCAL PLANE ARRAYS InGaAs		Status	MOQ	EUR / pc	USD / pc
	two-dimensional InGaAs array 320 x 256 pixels, high sensitivity in the near infrared, extremely low noise, high dynamic range, room temperature operation, wavelength range 900 - 1700 nm, pixel width: 30 µm, responsivity 0.8 A/W, quantum efficiency >70%				
FPA320X256-980, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 98%, oper.				6.117,00	6.697,76
FPA320X256-990, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 99%, oper.				8.667,00	9.489,87
FPA320X256-999, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 99.9%, oper.				9.177,00	10.048,29
FPA320X256-100, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., >99.95%, oper.				10.196,00	11.164,03


PHOTODIODES - MID-IR ↑

MID-IR PHOTODIODES 1.0 - 4.9 µm		Status	MOQ	EUR / pc	USD / pc
	Standard Mid-IR PDs - wavelength range: 1 - 5 µm - sensitive areas: 0.3, 0.5 or 1.0 mm options: parabolic reflector (R), window (W), thermoelectric cooler and thermoresistor (T), narrow spectrum (NS) package: TO-18, TO-5, TO-8				
1.0 - 2.5 µm					
PD24-03SMD3020, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, SMD 3x2 mm			10 pcs.	55,50	60,77
PD24-03, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18				83,25	91,15
PD24-03R, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18, reflector				94,35	103,31
PD24-03RW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18, reflector, window				116,55	127,62
PD24-03TW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-5, TEC, window				250,25	274,01
PD24-03TRW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-5, TEC, reflector, window				269,50	295,09
PD25-10, 1.0-2.5 µm, 1 mm, 1.0-1.1 A/W, 15-22 µA, TO-18		EOL		291,90	319,61
1.8 - 3.8 µm					
PD36-03SMD3020, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, SMD 3x2 mm			10 pcs.	49,95	54,69
PD36-03, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18				74,00	81,03
PD36-03R, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18, reflector				85,10	93,18
PD36-03RW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18, reflector, window				107,30	117,49
PD36-03CH, 2.0-3.8 µm, 0.3 mm, 250-300 pF, 80-300 µA, TO-18, glass cover				88,80	97,23
PD36-03TW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-5, TEC, window				241,00	263,88
PD36-03TRW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-5, TEC, reflector, window				260,75	285,51
PD36-05SMD3020, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, SMD 3.0x2.0 mm			10 pcs.	77,70	85,08
PD36-05, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18				118,40	129,64
PD36-05R, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18, reflector				129,50	141,80
PD36-05RW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18, reflector, window				151,70	166,10
PD36-05CH, 2.0-3.6 µm, 0.5 mm, 600-1100 pF, 120-1000 µA, TO-18, glass cover				133,20	145,85
PD36-05TW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-5, TEC, window				283,50	310,42
PD36-05TRW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-5, TEC, reflector, window				302,75	331,49
2.3 - 4.1 µm					
PD40-05SMD3020, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, SMD 3.0x2.0 mm			10 pcs.	85,10	93,18
PD40-05, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18				140,60	153,95
PD40-05R, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18, reflector				151,70	166,10
PD40-05RW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18, reflector, window				173,90	190,41
PD40-05CH, 2.3-4.1 µm, 0.5 mm, 1.2 mA, TO-18, glass cover				155,40	170,15
PD40-05TW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-5, TEC, window				304,50	333,41
PD40-05TRW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-5, TEC, reflector, window				323,75	354,49
2.8 - 4.1 µm					
PD41-03SMD3020, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, SMD 3x2 mm			10 pcs.	53,65	58,74
PD41-03, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18				83,25	91,15
PD41-03R, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18, reflector				94,35	103,31
PD41-03RW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18, reflector, window				116,55	127,62
PD41-03TW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-5, TEC, window				250,25	274,01
PD41-03TRW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-5, TEC, reflector, window				269,50	295,09
PD41-05SMD3020, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, SMD 3.8x3.8 mm				151,20	165,56
PD41-05, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18				140,60	153,95
PD41-05R, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18, reflector				151,70	166,10
PD41-05RW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18, reflector, window				173,90	190,41
PD41-05TW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-5, TEC, window				304,50	333,41
PD41-05TRW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-5, TEC, reflector, window				323,75	354,49
3.0 - 3.2 µm					
IR-PD 3.0, 3.0-3.2 µm, 0.2 A/W, InAs, TO-39 with 3.5 mm immersion lens				210,83	230,85


3.7 - 4.6 μm			
PD43-03SMD3020, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, SMD 3x2 mm	10 pcs.	53,65	58,74
PD43-03, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18		83,25	91,15
PD43-03R, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18, reflector		94,35	103,31
PD43-03RW, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18, reflector, window		116,55	127,62
PD43-03CH, 3.6-4.6 μ m, 0.3 mm, 4-6 mA, TO-18, glass cover		98,05	107,36
PD43-03TW, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-5, TEC, window		250,25	274,01
PD43-03TRW, 3.7-4.6 μ m, 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-5, TEC, reflector, window		269,50	295,09
2.8 - 4.7 μm			
PD43-05SMD3020, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, SMD 3.8x3.8 mm	10 pcs.	85,10	93,18
PD43-05, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18		140,60	153,95
PD43-05R, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18, reflector		151,70	166,10
PD43-05RW, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18, reflector, window		173,90	190,41
PD43-05CH, 2.6-4.6 μ m, 0.5 mm, 15-25 mA, TO-18, glass cover		155,40	170,15
PD43-05TW, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-5, TEC, window		304,50	333,41
PD43-05TRW, 2.8-4.7 μ m, 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-5, TEC, reflector, window		337,50	369,54
2.8 - 4.9 μm			
PD49-05SMD3020, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, SMD 3.0x2.0 mm	10 pcs.	85,10	93,18
PD49-05, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, TO-18		140,60	153,95
PD49-05R, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, TO-18, reflector		151,70	166,10
PD49-05RW, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, TO-18, reflector, window		173,90	190,41
PD49-05CH, 2.8-4.9 μ m, 0.5 mm, 17 mA, TO-18, glass cover		155,40	170,15
PD49-05TW, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, TO-5, TEC, window		304,50	333,41
PD49-05TRW, 2.8-4.9 μ m, 0.5 mm, 1 A/W, 17 mA, TO-5, TEC, reflector, window		323,75	354,49

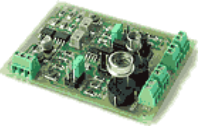
MID-IR PHOTODIODES 1.0 - 4.9 μ m integrated TIA	Status	MOQ	EUR / pc	USD / pc
 <p>Mid-IR photodiode in aluminum tube package with an integrated preamplifier (AMP) supply voltage: 5 VDC</p> <p>additional option: - parabolic reflector (R)</p>				
1.0 - 2.5 μm				
PD24-03R-AMP, 1.1-2.43 μ m, 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			273,00	298,92
PD24-03RW-AMP, 1.1-2.43 μ m, 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			294,00	321,91
1.8 - 3.8 μm				
PD36-03R-AMP, 1.8-3.8 μ m, 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			264,25	289,34
PD36-03RW-AMP, 1.8-3.8 μ m, 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			285,25	312,33
PD36-03CHR-AMP, 2.0-3.8 μ m, 0.3 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			320,25	350,66
PD36-05R-AMP, 1.8-3.8 μ m, 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			306,25	335,33
PD36-05RW-AMP, 1.8-3.8 μ m, 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			327,25	358,32
PD36-05CHR-AMP, 2.0-3.6 μ m, 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			320,25	350,66
2.3 - 4.1 μm				
PD40-05R-AMP, 2.3-4.1 μ m, 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			327,25	358,32
PD40-05RW-AMP, 2.3-4.1 μ m, 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			348,25	381,31
PD40-05CHR-AMP, 2.3-4.1 μ m, 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			341,25	373,65
2.8 - 4.1 μm				
PD41-03R-AMP, 2.8-4.1 μ m, 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			273,00	298,92
PD41-03RW-AMP, 2.8-4.1 μ m, 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			294,00	321,91
PD41-05R-AMP, 2.8-4.1 μ m, 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			327,25	358,32
PD41-05RW-AMP, 2.8-4.1 μ m, 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			348,25	381,31
3.7 - 4.6 μm				
PD43-03R-AMP, 3.7-4.6 μ m, 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			273,00	298,92
PD43-03RW-AMP, 3.7-4.6 μ m, 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			294,00	321,91
PD43-03CHR-AMP, 3.6-4.6 μ m, 0.3 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			287,00	314,25
2.8 - 4.6 μm				
PD43-05R-AMP, 2.8-4.6 μ m, 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			327,25	358,32
PD43-05RW-AMP, 2.8-4.6 μ m, 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			348,25	381,31
PD43-05CHR-AMP, 2.6-4.6 μ m, 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			341,25	373,65
2.8 - 4.9 μm				
PD49-05R-AMP, 2.8-4.9 μ m, 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			327,25	358,32
PD49-05RW-AMP, 2.8-4.9 μ m, 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			348,25	381,31
PD49-05CHR-AMP, 2.8-4.9 μ m, 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube			341,25	373,65


SYNCHRONOUS DETECTOR FOR MID-IR PD with TIA	Status	MOQ	EUR / pc	USD / pc
 <p>Synchronous detector for Mid-IR PDs with AMP measures the voltage signal of AMP and converts it to DC voltage signal proportional to the amplitude of input voltage</p> <ul style="list-style-type: none"> - 3 independent channels - built-in power supply for AMP 				
PCB-SDETECT-1P, measure and convert PD AMP signal, pulsed mode, 1 channel, 12 VDC			149,85	164,08
PCB-SDETECT-2P, measure and convert PD AMP signal, pulsed mode, 2 channels, 12 VDC			181,30	198,51
PCB-SDETECT-3P, measure and convert PD AMP signal, pulsed mode, 3 channels, 12 VDC			201,25	220,36


MID-IR PORTABLE MINI SPECTROMETER 1.3 - 2.4 μ m	Status	MOQ	EUR / pc	USD / pc
 <p>Mini-Spectrometer for spectral express analysis in the near infrared (IR) range from 1.3 to 2.4 μm. - portable, compact size (60x42x42 mm) - reflectance-based analysis - multi-element LED matrix, wideband photodiode - USB, software control via Windows PC</p>				
SPECTRO-M, 1.3-2.4 μ m, reflectance-based analysis, USB, Windows software			o.r.	o.r.


AMPLIFIERS FOR PHOTODIODES ↑

General purpose current & voltage converter boards	Status	MOQ	EUR / pc	USD / pc
 <p>General purpose current & voltage converter boards adjustable offset and gain, supply voltage 7-24 VDC, PCB size: 13 x 26 x 8 mm</p>				
AMPCON 4-20L, general purpose photodiode current converter, 0-250 μ A to 4-20 mA			78,00	85,41
AMPCON 4-20M, general purpose photodiode current converter, 0-2.5 μ A to 4-20 mA			78,00	85,41
AMPCON 4-20H, general purpose photodiode current converter, 0-25 nA to 4-20 mA			78,00	85,41
VOLTCON 0-5L, general purpose photodiode voltage converter 0..500 μ A to 0..5 V			78,00	85,41
VOLTCON 0-5M, general purpose photodiode voltage converter 0..5 μ A to 0..5 V			78,00	85,41
VOLTCON 0-5H, general purpose photodiode voltage converter 0..50 nA to 0..5 V			78,00	85,41

Multi-channel PD preamplifier boards	Status	MOQ	EUR / pc	USD / pc
 <p>high gain and low noise general purpose photodiode preamplifier board</p>				
MULTIBOARD, general purpose photodiode amplifier board, 2 channels, $\pm 9 \pm 24$ VDC			104,00	113,87
DIGIBOARD, general purpose photodiode amplifier board, 2 channels, 5-18 VDC			176,00	192,71

USBAMP-4 Photocurrent Digitizer	Status	MOQ	EUR / pc	USD / pc
 <p>Photocurrent Digitizer converts small DC currents into digital values, to display and record your measurements on your computer - 4 selectable gain levels, pA - μA - incl. software control via PC, easy to use - incl. PTB traceable current calibration</p>				
USBAMP-4, computer-controlled photocurrent digitizer, 4 switchable gains, pA- μ A, USB, BNC			624,00	683,24

MID-IR PD voltage converter board	Status	MOQ	EUR / pc	USD / pc
 <p>Mini preamplifier for Mid-IR PDs works in photovoltaic mode: the board converts the amplified photodiode current into a voltage signal - 1 channel</p>				
PCB-MPREAMP, photovoltaic mode, supply voltage 5 VDC, 26 x 10 mm			129,50	141,80

MID-IR PD amplifier with integrated synchrodetector	Status	MOQ	EUR / pc	USD / pc
 <p>Amplifier with integrated Synchrodetector for Mid-IR photodiodes. Maximum Output ± 4V for subsequent use with lock-in amplifiers, oscilloscopes or A/D converters. Signal output on LC display</p>				
AM-07, 0.5kHz-1MHz, max. $6.4 \cdot 10^6$ V/A, for MID-IR PD series			373,80	409,29
AMT-07, 0.5kHz-1MHz, max. $6.4 \cdot 10^6$ V/A, TEC support, for MID-IR PD series			417,90	457,58

PHOTODIODES BARE CHIP DIES



General purpose current & voltage converter boards

Status MOQ EUR / pc USD / pc



Photodiode chip dies
minimum order quantity 10 pcs. (MOQ)

355 nm - 1750 nm

PX410, InGaAs photodiode chip die, 1.0 - 1.65 μm , active area 75 μm	10 pcs.	3,85	4,22
OTIR1017-3MD, InGaAs photodiode chip die, 0.8 - 1.7 μm , active area 300 μm	1000 pcs.	2,24	2,45
LAPD-05-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 455 μm , chip die		16,70	18,29
LAPD-05-09-17-CHIP, InGaAs, 0.9 - 1.7 μm , aperture size \varnothing 455 μm , chip die		11,13	12,19
LAPD-1-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 0.95 mm, chip die		29,70	32,52
LAPD-1-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 0.95 mm, chip die		44,55	48,78
LAPD-1-12-22-CHIP, InGaAs, 1.2 - 2.2 μm , aperture size \varnothing 0.95 mm, chip die		121,80	133,36
LAPD-2-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 1.85 mm, chip die		61,43	67,26
LAPD-2-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 1.85 mm, chip die		170,10	186,25
LAPD-2-12-22-CHIP, InGaAs, 1.2 - 2.2 μm , aperture size \varnothing 1.85 mm, chip die		464,00	508,05
LAPD-Q2-09-17-CHIP, InGaAs Quadrant PIN, 0.9 - 1.7 μm , aperture size \varnothing 1.86 mm, chip die		o.r.	o.r.
LAPD-3-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 3 mm, chip die		357,00	390,89
LAPD-5-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 5 mm, chip die		o.r.	o.r.

THERMOPILES



Thermopile Detectors | 5.0 - 14 μm

Status MOQ EUR / pc USD / pc



Thermopile sensors for IR temperature measurements, radiation monitoring, gas analysis
 • hermetically sealed TO metal can package
 • high sensitivity

TP336A, 5-14 μm , 85 V/W, sensitive area \varnothing 545 μm , TO-5, window \varnothing 2.6 mm	EOL		4,98	5,45
TP339UG, 5-14 μm , 85 V/W, sensitive area \varnothing 545 μm , TO-18, window \varnothing 3.0 mm	EOL		4,98	5,45

INTERFERENCE FILTERS



Interference Filters | \varnothing 12.7 mm | 254 - 1064 nm

Status MOQ EUR / pc USD / pc



easy to use glued crystal assembly for generating green high quality interference filters for many science and technical applications


further wavelengths and sizes on request

RLT-254-11-A, 254 nm, T >15%, size \varnothing 12.7 mm x 4.7 mm		77,80	85,19
RLT-330-10-A, 330 nm, T >30%, size \varnothing 12.7 mm x 6.6 mm		77,80	85,19
RLT-340-10-A, 340 nm, T >40%, size \varnothing 12.7 mm x 7.3 mm	2 pcs.	258,00	282,50
RLT-365-12-A, 365 nm, T >40%, size \varnothing 12.7 mm x 6.3 mm		77,80	85,19
RLT-405-12-A, 405 nm, T >40%, size \varnothing 12.7 mm x 8.3 mm		77,80	85,19
RLT-436-12-A, 436 nm, T >45%, size \varnothing 12.7 mm x 6.6 mm		77,80	85,19
RLT-445-10-A, 445 nm, T >50%, \varnothing 12.7 mm, Dicke <8.5 mm	2 pcs.	198,00	216,80
RLT-458-11-A, 458 nm, T >70%, \varnothing 12.7 mm, Dicke <8.5 mm		134,90	147,71
RLT-488-10-A, 488 nm, T >70%, \varnothing 12.7 mm, Dicke <8.5 mm	2 pcs.	198,00	216,80
RLT-500-11-A, 500 nm, T >50%, size \varnothing 12.7 mm x 5.7 mm		134,90	147,71
RLT-514.5-11-A, 514.5 nm, T >70%, size \varnothing 12.7 mm x 5.7 mm		134,90	147,71
RLT-520-11-A, 511 nm, T >50%, size \varnothing 12.7 mm x 5.7 mm		77,80	85,19
RLT-532-10-A, 532 nm, T >70%, size \varnothing 12.7 mm x 5.8 mm		77,80	85,19
RLT-546-10-A, 546 nm, T >50%, size \varnothing 12.7 mm x 5.8 mm		77,80	85,19
RLT-589-10-A, 589 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm		77,80	85,19
RLT-600-22-A, 600 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm		77,80	85,19
RLT-620-12-A, 620 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm		144,10	157,78
RLT-632.8-11-A, 632.8 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		77,80	85,19
RLT-635-11-A, 635 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		156,90	171,80
RLT-650-11-A, 650 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-655-25-A, 655 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-658-11-A, 658 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-660-11-A, 660 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		194,25	212,69
RLT-670-11-A, 670 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm	3 pcs.	77,80	85,19
RLT-670-25-A, 670 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-680-11-A, 680 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-690-11-A, 690 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-780-11-A, 780 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-780-12-A, 780 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm		75,40	82,56
RLT-785-27.5-A, 785 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm		134,90	147,71
RLT-790-12.5-A, 790 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm		158,00	173,00
RLT-850-25-A, 850 nm, T >70%, size \varnothing 12.7 mm x 2.3 mm		77,80	85,19
RLT-905-34-A, 905 nm, T >70%, size \varnothing 12.7 mm x 3.3 mm		77,80	85,19
RLT-1064-11-A, 1064 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm		79,00	86,50

further wavelengths and sizes on request


OPTICAL POWER METERS



Coherent Power Meters	Status	MOQ	EUR / pc	USD / pc
 <p>Coherent laser power and energy meters, sensors and accessories, for handheld operation and laboratory use</p>				
LASERCHECK, handheld laser power meter, 400..1064 nm, 0.5 µW up to 1 W			616,00	674,48
FIELDMATE, laser power meter, analog and digital readout, AC/DC operation			o.r.	o.r.
FIELDMAX II P, laser energy meter, USB computer interface, LCD display			o.r.	o.r.
FIELDMAX II TO, laser power meter, USB computer interface, LCD display			o.r.	o.r.
FIELDMAX II TOP, laser energy and power meter, USB computer interface, LCD Display			o.r.	o.r.
LABMAX TO, laser power meter, USB and RS232 interface, data logging			o.r.	o.r.
LABMAX TOP, laser energy and power meter, USB and RS232 interface, data logging			o.r.	o.r.
LABMAX TOUCH, laser energy & power meter, 7" touch-screen, variety of interface, Li-ion battery			o.r.	o.r.
LABMAX TOUCH PRO, laser energy & power meter, 7" touch-screen, 1 MHz, variety of interface, Li-ion battery			o.r.	o.r.
Power Meter Sensors	Status	MOQ	EUR / pc	USD / pc
OP-2-IR, 800..1800 nm, max. power 10 mW, active area Ø5 mm, resolution 1 nW			o.r.	o.r.
OP-2-VIS, 400..1060 nm, max. power 50 mW, active area Ø7.9 mm, resolution 1 nW			o.r.	o.r.
OP-2-UV, 250..400 nm, max. power 30 mW, active area Ø6 mm, resolution 1 nW			o.r.	o.r.
J-10MB-LE, 0.19..12 µm, 300nJ-60µJ, active area Ø10 mm, <1 khz			o.r.	o.r.
J-10MB-HE, 0.19..12 µm, 10µJ-20mJ, active area Ø10 mm, <1 khz			o.r.	o.r.
J-10MT-10KHZ, 0.3..2.1 µm, 100nJ-200µJ, active area Ø10 mm, <10 khz			o.r.	o.r.
Power Meter Accessories	Status	MOQ	EUR / pc	USD / pc
AC POWERADAPTER			o.r.	o.r.
FIELDMATE SOFTCASE			o.r.	o.r.


FIBER CHECKERS



Fiberpoint series Made in Germany	Status	MOQ	EUR / pc	USD / pc
 <p>fiber optic fault locator made in germany for field, industrial, and laboratory use many common connectors supported for single mode/multimode fibers Dust cap and AAA alkaline batteries included 3 different adapters available</p>				
FIBERPOINT 250, 635 nm, <1 mW, 2.5 mm, pulse & cw, 21 x 170 mm, 2x AAA, Quadrosafe			167,00	182,86
FIBERPOINT 250HP, 635 nm, <3 mW, pulse & cw, 21 x 170 mm, 2x AAA, Laserclass 2M, Quadrosafe			175,00	191,61
FIBERPOINT 250MD, 635 nm, <1 mW, 2.5 mm, pulse & cw, 12 x 67 mm, 2 x AAA, transport case			182,00	199,28
FIBERPOINT ET G, 520 nm, <400 µW, pulse & cw, 12 x 167 mm, 2 x AAA, Case, Laserclass 1			183,00	200,37
Accessories				
FP-ADAPTER POF, for 1.5 and 2.2 mm polymer optical fibers, attenuation <1 dB			27,23	29,82
FP-ADAPTER SMA, for SMA 905 connector, attenuation <1 dB			38,11	41,73
FP-ADAPTER 2.5-1.25, for 1.25 mm connector LC, MU, F3000, attenuation <1 dB			41,40	45,33
FCC OEM Fiberchecker	Status	MOQ	EUR / pc	USD / pc
FCC-6512-5, 650 nm, 5 mW, pulse & cw, MM, 2.5 mm, 2 x AAA, not for sale in germany			70,00	76,65


DETECTOR CARDS





Laser Detector Cards 800 - 1650 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared sensor cards for UV and IR-light visualisation Wavelength range 250-400nm and 800-1650 nm</p> <p>Sensor size: 1 x 1 cm or 3 x 5 cm</p> <p>custom logo & layout available on request</p>				
UV				
HTUV1-10X10, Absorbtion range 250 ...400 nm, emission range 500 ...620 nm, active area 1x1 cm	NEW		45,90	50,26
HTUV1-30X50, Absorbtion range 250 ...400 nm, emission range 500 ...620 nm, active area 3x5 cm	NEW		86,90	95,15
IR				
HT111-10X10, 808 nm, 940...990 nm, 1550 nm, active area 1x1 cm, upconverting			17,90	19,60
HT111-30X50, 808 nm, 940...990 nm, 1550 nm, active area 3x5 cm, upconverting			41,70	45,66
HT582-10X10, 800...1400 nm, active area 1x1 cm, light loadable			17,90	19,60
HT582-30X50, 800...1400 nm, active area 3x5 cm, light loadable			41,70	45,66
HT612-10X10, 800...1650 nm, active area 1x1 cm, light loadable			17,90	19,60
HT612-30X50, 800...1650 nm, active area 3x5 cm, light loadable			41,70	45,66


LASER SAFETY GOGGLES



Univet Laser Safety Goggles Frameless	Status	MOQ	EUR / pc	USD / pc
				
BLUE				
5X8.03.00.03, protection UV, <480 nm, polycarbonate yellow, VLT 77.5%			25,90	28,36
505U.00.00.19, protection UV, <420 nm, polycarbonate, yellow, VLT 83.2%	EOL		22,40	24,53
BLUE + GREEN				
5X3.03.33.04, protection UV, <525 nm, polycarbonate orange, VLT 57.5%			26,80	29,34
5X7L.00.00.653, alignment+protection UV+VIS, <540 nm, polycarbonate orange, VLT 40%			91,00	99,64
IR				
5X7L.00.00.651, alignment+protection IR, >750 nm, polycarbonate green, VLT 42%			97,00	106,21
5X7L.00.00.652, protection IR, 735-870 nm, 9-11 µm, polycarbonate pink, VLT 40%			144,00	157,67


Univet Laser Safety Goggles Professional Series	Status	MOQ	EUR / pc	USD / pc
				
Professional laser safety glasses - Side protection by full frame - adjustable silicone nose bridge - adjustable soft touch earpiece - suitable over prescription glasses - case and collar included				
UV + BLUE + GREEN				
562S.00.00.307, alignment+protection BLUE+GREEN, 440-570 nm, polycarbonate pink, VLT 22%			173,00	189,43
562S.00.00.349, protection UV-GREEN+IR, 190-535 nm, >680 nm, polyc. dark orange, VLT 12%			203,00	222,27
562S.00.00.329, protection UV-GREEN+IR, <532 nm, >800 nm, polyc. dark orange, VLT 22%			196,00	214,61
UV + RED + IR				
562S.00.00.301, alignment+protection UV+RED, <380 nm, 592-695 nm, polyc. light blue, VLT 32%			159,00	174,10
562S.00.00.351, alignment+protection UV+RED, 400-430 nm, 550-734 nm, polyc. blue, VLT 15%			128,00	140,15
562S.00.00.311, protection UV+RED, 190-375 nm, 600-670 nm, polycarbonate blue, VLT 20%			171,00	187,24
562H.00.00.201, protection UV+RED+IR, 190-315 nm, 645-1525 nm, >2800 nm, glass green, VLT 40%			256,00	280,31
562S.00.00.201, protection UV+RED+IR, 190-315 nm, 645-1525 nm, >2800 nm, glass green, VLT 40%			271,00	296,73
562H.00.00.316, protection UV+RED+IR, <315 nm, 575-705 nm, >802 nm, polyc. d. gr., VLT 3.4%			160,00	175,19
UV + IR				
562S.00.00.200, protection UV+IR, <260 nm, >815 nm, glass aqua, VLT 64%			271,00	296,73
562S.00.01.200, protection UV+IR, <260 nm, >815 nm, glass aqua, VLT 64%, anthracite frame			343,00	375,57
562S.00.00.300, protection UV+IR, 190-315 nm, 10600 nm, polycarbonate clear, VLT 90%			81,00	88,69
562S.00.00.309, protection UV+IR, 190-430 nm, >750 nm, polycarbonate green, VLT 42%			140,00	153,29
562S.00.00.312, protection UV+IR, 190-315 nm, 740-860 nm, polycarbonate pink, VLT 40%			193,00	211,32



Univet Laser Safety Goggles High Power Series	Status	MOQ	EUR / pc	USD / pc
				
High-intensity laser protection - high protection 2mm thick aluminium shield - elastic adjustable band increases glasses stability - soft internal rubber cushion, no pressure points - interferential glass filters - absorbing filters made in polycarbonate or glass - Model available also with temples				
GREEN				
559G.00.00.101, protection GREEN, 515-532 nm, glass+coating orange, VLT 20%			497,00	544,19
IR				
559G.00.00.010, protection UV+IR, <380 nm, >740 nm, glass aqua, VLT 62%			497,00	544,19
559G.00.00.300, protection UV+IR, 190-315 nm, >10600 nm, glass clear, VLT 90%			143,00	156,58

Univet Laser Safety Goggles Patient Series	Status	MOQ	EUR / pc	USD / pc
				
Professional laser safety eyewear for patients - adjustable nose pad and cord - soft interchangeable face-foam - can be sterilized by autoclave - available with laser filters or blind				
616L.00.00.000, Laser Safety Eyewear, for patient, white, blind			159,00	174,10
617L.00.00.000, Laser Safety Eyewear, for patient, gray, blind			140,00	153,29

LASER POINTERS - VIOLET






RPL-405 Series 405 nm	Status	MOQ	EUR / pc	USD / pc
				
Violet diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished 405 nm				
RPL-405-01E, 405 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			33,60	36,79

RLP-405 Series with Safety Keylock 405 nm		Status	MOQ	EUR / pc	USD / pc
	Violet diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-405-01, 405 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				42,00	45,99
RLP-405-05, 405 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				42,00	45,99
RLP-405-10, 405 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				59,10	64,71
RLP-405-50, 405 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				112,00	122,63
RLP-405-100, 405 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				128,00	140,15
GLP-405 Series 405 nm		Status	MOQ	EUR / pc	USD / pc
	GLP series, 405 nm laser diode, 5-20mW, for science and fluorescence excitation applications. 405 nm laserlight is close to the limit of the human visibility, spot brightness on normal targets is poor. 2 x CR2 batteries, included 405 nm				
GLP-405-5, 405 nm, 5 mW, cw, 2 x 1.5V AAA, 80 g, size 13.5 x 150 mm		EOL		149,00	163,15
GLP-405-10, 10 mW, cw, 2 x 1.5V AAA, 80 g, size 13.5 x 150 mm		EOL		155,00	169,72

LASER POINTERS - BLUE











RLP-450 Series 450 nm		Status	MOQ	EUR / pc	USD / pc
	Royalblue diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished 450 nm				
RLP-450-01E, 450 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				52,50	57,48
RLP-450 Series with Safety Keylock 450 nm		Status	MOQ	EUR / pc	USD / pc
	Royalblue diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 450 nm				
RLP-450-01, 450 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				61,80	67,67
RLP-450-05, 450 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				63,90	69,97
RLP-450-10, 450 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				81,50	89,24
RLP-450-50, 450 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				106,30	116,39




ROITHNER 450 450 nm		Status	MOQ	EUR / pc	USD / pc
	- direct emitting blue laser diode - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 450 nm				
ROITHNER 450, 450 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				69,90	76,54

LASER POINTERS - GREEN




RLP-520 Series 520 nm		Status	MOQ	EUR / pc	USD / pc
	Green diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-520-01E, 520 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				41,90	45,88


RLP-520 Series with Safety Keylock 520 nm		Status	MOQ	EUR / pc	USD / pc
	Green diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-520-01, 520 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				50,80	55,62
RLP-520-05, 520 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				50,80	55,62
RLP-520-10, 520 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				84,90	92,96
RLP-520-20, 520 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				89,90	98,44
ROITHNER 520 520 nm		Status	MOQ	EUR / pc	USD / pc
	Green diode laser pointer: - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 520 nm				
ROITHNER 520, 520 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				69,90	76,54
GDP-520 520 nm QCW		Status	MOQ	EUR / pc	USD / pc
	Green diode laser pointer - low operating current - qcw, short focus (1 m) - alkaline batteries included				
GDP-520-5, 520 nm, 5 mW, qcw, ON-LED, 80 g, 13x160 mm, 2x 1.5V AAA battery		EOL		88,00	96,35
RLP-532 Series with Safety Keylock 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	Green DPSS laser pointer - IR filter - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-532-01, 532 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				40,90	44,78
RLP-532-05, 532 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				40,90	44,78
RLP-532-10, 532 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				51,50	56,39
RLP-532-20, 532 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				61,90	67,78
RLP-532-50, 532 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				143,80	157,45
RLP-532-100, 532 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				368,00	402,94
ROITHNER 532 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	Green DPSS laser pointer: - IR filter - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 532 nm				
ROITHNER 532, 532 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				29,90	32,74
GPL-105 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	GPL series: 532nm cw laser pointer, polished metal body with clip, excellent beam quality, black metal transport case and batteries included 532 nm				
GPL-105, 532 nm, <5 mW, cw, 13 x 150 mm, 71 g, 2x 1.5V AAA battery				33,00	36,13
GLP532-REMOTE 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	Laser pointer with integrated remote presenter fine finished brass casing with LED indicator, scroll buttons and clip, transport case and 2.4 GHz USB receiver 532 nm				
GLP532-REMOTE, 532 nm, <5 mW, cw, remote, 2 x AAA, size 14.5 x 152 mm				68,00	74,46


S200-5R 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	<p>S200 green laser pointer: 532nm, silvergrey metal body with clip, excellent beam quality, batteries included</p> <p>532 nm</p>				
S200-5R, 532 nm, <5 mW, cw, 13 x 155 mm, 81 g, metal housing, 2x 1.5V AAA battery		EOL		19,90	21,79
GPL-20 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	<p>GPL series: 532nm cw laser pointer, aluminium body with clip, transport case and batteries included. up to 200 mW</p> <p>532 nm</p>				
GPL-20, 532 nm, >20 mW, cw, 13 x 160 mm, 94 g, 2x 1.5V AAA battery		EOL		84,00	91,98
GPL532 532 nm DPSS		Status	MOQ	EUR / pc	USD / pc
	<p>GLP532 series: Green cw laser pointer, metal body with clip, black soft touch coating, excellent beam quality, transport case and batteries included</p> <p>532 nm</p>				
GLP532-5-3, 532 nm, 5 mW, cw, 13 x 162 mm, 90 g, 2x 1.5V AAA battery		EOL		45,00	49,27
GLP532-20-3, 532 nm, 20 mW, cw, 13 x 162 mm, 90 g, 2x 1.5V AAA battery		EOL		74,00	81,03


LASER POINTERS - YELLOW

RLP-593 Series 593 nm		Status	MOQ	EUR / pc	USD / pc
	<p>Yellow diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 				
RLP-593-01, 593 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery		NEW		70,65	77,36
RLP-593-05, 593 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery		NEW		72,40	79,27


LASER POINTERS - RED


RLP-635 Series 635 nm		Status	MOQ	EUR / pc	USD / pc
	<p>Red diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished <p>635 nm</p>				
RLP-635-01E, 635 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				18,70	20,48


RLP-635 Series with Safety Keylock 635 nm		Status	MOQ	EUR / pc	USD / pc
	<p>Red diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 				
RLP-635-01, 635 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				26,40	28,91
RLP-635-05, 635 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				26,40	28,91
RLP-635-10, 635 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				43,70	47,85
RLP-635-20, 635 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				78,80	86,28

ROITHNER 635 635 nm		Status	MOQ	EUR / pc	USD / pc
	<p>Red diode laser pointer:</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished <p>635 nm</p>				
ROITHNER 635, 635 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				21,90	23,98


LS-11 645 nm		Status	MOQ	EUR / pc	USD / pc
	red laser pointer, low cost, cw-operation, black metal body with clip, transport case and batteries included				
645 nm					
LS-11, 645 nm, 3.5 mW, 11 x 135 mm, 48 g, 2x 1.5V AAA battery				16,96	18,57

RLP-650 Series 655 nm		Status	MOQ	EUR / pc	USD / pc
	Red diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished				
655 nm					
RLP-650-01E, 655 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				17,80	19,49


RLP-650 Series with Safety Keylock 655 nm		Status	MOQ	EUR / pc	USD / pc
	Red diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-650-01, 655 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				25,30	27,70
RLP-650-05, 655 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				25,30	27,70
RLP-650-10, 655 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				43,70	47,85
RLP-650-30, 655 nm, <30 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				78,80	86,28


ROITHNER 650 655 nm		Status	MOQ	EUR / pc	USD / pc
	Red diode laser pointer: - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished				
655 nm					
ROITHNER 650, 655 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				19,90	21,79







LASER POINTERS - GREEN+RED ↑


GRP532-655 532+655 nm		Status	MOQ	EUR / pc	USD / pc
	GRP532-655 green-red laser pointer 532 nm and 650 nm, cw mode, metal housing, 2 push buttons: laser green, laser red, laser red + green, high quality mechanical design, excellent beam quality				
532, 655 nm					
GRP532-655, 532 nm, and 650 nm, <5 mW, cw, 2 x AAA, size 13.5 x 157 mm				55,00	60,22


LASER POINTERS - INFRARED ↑


RLP-780 Series with Safety Keylock 780 nm		Status	MOQ	EUR / pc	USD / pc
	IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-780-10, 780 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				53,75	58,85
RLP-780-50, 780 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				64,50	70,62


LP-780 780 nm		Status	MOQ	EUR / pc	USD / pc
	IR laser pointer, cw-operation, body with clip, status LED, alkaline batteries and transport case included				
780 nm					
LP-780-2, 780 nm, 2 mW, 11 x 137 mm, 55 g, 2x 1.5V AAA battery				14,00	15,33


GLP-III-808C Series 808 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR diode portable laser</p> <ul style="list-style-type: none"> - Li-Ion rechargeable battery - Control LED - Safety Key Switch - Mechanical Shutter <p>808 nm</p>					
GLP-III-808C-1W, 808 nm, 1 W, 38x220 mm, 1 x 18650 Li-Ion battery				545,00	596,74	
GLP-III-808C-1W5, 808 nm, 1.5 W, 38x220 mm, 1 x 18650 Li-Ion battery				681,00	745,66	
GLP-III-808C-2W, 808 nm, 2 W, 38x220 mm, 1 x 18650 Li-Ion battery				838,00	917,56	
RLP-808 Series with Safety Keylock 808 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 					
RLP-808-10, 808 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				36,25	39,69	
RLP-808-100, 808 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				49,50	54,20	
RLP-808-200, 808 nm, 200 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				67,50	73,91	
SHP808 Series 808 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR laser pointer, 808 nm, cw-operation, polished metal body with clip, status LED, alkaline batteries and transport case included</p> <p>808 nm</p>					
SHP808-100, 808 nm, <100 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery				54,00	59,13	
SHP808-200, 808 nm, <200 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery				64,00	70,08	
PIL-808 Series 808 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>infrared laser pointer, 808 nm, cw-operation, black metal body with clip, status LED, security key lock system available</p> <p>808 nm</p>					
PIL-808-100, 808 nm, 100 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery				EOL	98,00	107,30
PIL-808-200, 808 nm, 200 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery				EOL	116,00	127,01
RLP-830 Series with Safety Keylock 830 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 					
RLP-830-10, 830 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				53,75	58,85	
RLP-830-20, 830 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				59,90	65,59	
RLP-850 Series with Safety Keylock 850 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 					
RLP-850-10, 850 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				58,75	64,33	
RLP-850-30, 850 nm, 30 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				68,30	74,78	
LP-850 850 nm		Status	MOQ	EUR / pc	USD / pc	
	<p>IR laser pointer, cw-operation, body with clip, status LED, alkaline batteries and transport case included</p> <p>850 nm</p>					
LP-850-3, 850 nm, 3 mW, 11 x 137 mm, 55 g, 2x 1.5V AAA battery				42,00	45,99	


GLP-III-980C Series 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>IR diode portable laser</p> <ul style="list-style-type: none"> - Li-Ion rechargeable battery - Control LED - Safety Key Switch - Mechanical Shutter <p>980 nm</p>				
GLP-III-980C-1W, 980 nm, 1 W, 38x220 mm, 1 x 18650 Li-Ion battery			545,00	596,74
GLP-III-980C-1W5, 980 nm, 1.5 W, 38x220 mm, 1 x 18650 Li-Ion battery			681,00	745,66
GLP-III-980C-2W, 980 nm, 2 W, 38x220 mm, 1 x 18650 Li-Ion battery			838,00	917,56


RLP-980 Series with Safety Keylock 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished 				
RLP-980-10, 980 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			38,75	42,43
RLP-980-20C, 980 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			43,90	48,07
RLP-980-20F, 980 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, focused @ 2cm			43,90	48,07
RLP-980-50C, 980 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			52,50	57,48
RLP-980-50F, 980 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, focused @ 2cm			52,50	57,48
RLP-980-100, 980 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			58,50	64,05
RLP-980-200, 980 nm, 200 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			127,50	139,61
RLP-980-300, 980 nm, 300 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery			136,90	149,90


SHP980 Series 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>IR laser pointer, 980 nm, cw-operation, polished metal body with clip, status LED, alkaline batteries and transport case included</p> <p>980 nm</p>				
SHP980-25, 980 nm, 25 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery			42,00	45,99
SHP980-25F, 980 nm, 25 mW, 13 x 130 mm, focused @ 2 cm			48,00	52,56

PIL-980 Series 980 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser pointer, 980 nm, cw-operation, black metal body with clip, status LED, security key lock system available</p> <p>980 nm</p>				
PIL-980-10, 980 nm, 10 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			143,00	156,58
PIL-980-20, 980 nm, 20 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			244,10	267,28
PIL-980-50, 980 nm, 50 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			252,70	276,69
PIL-980-100, 980 nm, 100 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			263,20	288,19
PIL-980-300, 980 nm, 300 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			284,90	311,95
PIL-980-400, 980 nm, 400 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			379,80	415,86


PIL-1064 Series 1064 nm	Status	MOQ	EUR / pc	USD / pc
 <p>infrared laser pointer @ 1064 nm, cw-operation, black metal body with clip, status LED, security key lock system available</p> <p>1064 nm</p>				
PIL-1064-5, 1064 nm, 5 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			209,00	228,84
PIL-1064-10, 1064 nm, 10 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			209,00	228,84
PIL-1064-20, 1064 nm, 20 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			209,00	228,84
PIL-1064-50, 1064 nm, 50 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			230,00	251,84
PIL-1064-100, 1064 nm, 100 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery			243,00	266,07


RLP-1310 Series with Safety Keylock 1310 nm		Status	MOQ	EUR / pc	USD / pc
	IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-1310-05, 1310 nm, 5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				114,30	125,15
RLP-1310-10, 1310 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				126,70	138,73

RLP-1550 Series with Safety Keylock 1550 nm		Status	MOQ	EUR / pc	USD / pc
	IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished				
RLP-1550-05, 1550 nm, 5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				114,30	125,15
RLP-1550-10, 1550 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery				126,70	138,73


OEM-1550 Series 1550 nm		Status	MOQ	EUR / pc	USD / pc
	customized infrared laser pointers several wavelengths available, cw-operation batteries included				
OEM-1550-05, 1550 nm, 5 mW, 25 x 15 x 115 mm, 50 g, 2x 1.5V AAA battery				285,00	312,06
OEM-1550-10, 1550 nm, 10 mW, 25 x 15 x 115 mm, 50 g, 2x 1.5V AAA battery				310,00	339,43


FLASHLIGHTS - UV ↑




Low Cost UV Checkers		Status	MOQ	EUR / pc	USD / pc
	reliable and handheld light sources with UV-LEDs available wavelengths 350 nm .. 405 nm				
RLT-283U					
RLT-284U, 380 nm, 1.5-2.0 mW, slotted case head, eye safe, 3 x LR43		EOL		10,39	11,38
RLT-287U, 380 nm, 1.5-2.0 mW, ball point pen design, 4 x AG3 (not included)		EOL		4,99	5,46
RLT-CHECKER-385, 385 nm, 2.0-4.0 mW, 30°, 4 x AG3 (not included)				3,33	3,65
AL-513UV-A, 395 nm, 5..6 mW, necklace, 11.6 x 3.1 mm, 3 x LR1130 (not included)				5,10	5,58

UVCHECK-380		Status	MOQ	EUR / pc	USD / pc
	UV High power flashlight series - 380nm - 1 x 18650 Li-Ion rechargeable battery (included) - Charger included For checking of security markers in bank notes, credit cards, etc.				
UVCHECK-3803W, UV-LED flashlight, 380 nm, 134x31 mm, 133 g				36,00	39,42

FLASHLIGHTS - WHITE ↑

TK01		Status	MOQ	EUR / pc	USD / pc
	LUMILEDS LED military grade 35 lm				
TK01-1CR123-2AA-1W, white, 35 lm, 160 x 28 mm, CR123 or 2 x AA batteries				36,50	39,97
TK01-2CR123-3W, white, 65 lm, 130 x 35 mm, 2 x CR123 batteries				39,90	43,69

RLT-P2-Zoom		Status	MOQ	EUR / pc	USD / pc
	Small size rapid zoom focusing, changeable from long distance spot to broad room illumination, wrist strap and belt bag included 90 lm				
RLT-P2-ZOOM, white, 90 lm, 109 x 29 mm, 78 g, 1 x AA alkaline batteries				16,80	18,40

RLT-P4-Zoom		Status	MOQ	EUR / pc	USD / pc
	Rapid zoom focusing, changeable from long distance spot to broad room illumination wrist strap and belt bag included 80 lm				
RLT-P4-ZOOM, white, 80 lm, 113 x 35 mm, 135 g, 3 x AAA alkaline batteries				21,90	23,98
RLT-P6-Zoom		Status	MOQ	EUR / pc	USD / pc
	Rapid zoom focusing, exceptional brightness , anodized aluminium body 500 - 750 lm				
RLT-P6-ZOOM-XPG, white, 500 lm, 199 x 42 mm, 445 g, 3 x "C" type alkaline batteries		EOL		92,00	100,73
RLT-P6-ZOOM-XML, white, 750 lm, 199 x 42 mm, 445 g, 3 x "C" type alkaline batteries		EOL		123,00	134,68
TH06 Headlight		Status	MOQ	EUR / pc	USD / pc
	TH06-1W superbright white LED headlight with LUMILEDS 1W LED, 2 x AA battery, aluminium and high quality plastic compound design, recommended for professional use				
TH06-1W, white, max. 35 lumen, 1 W, LED, 2 x AA alkaline batteries				14,90	16,31

*PRICES: per piece, without VAT, duty unpaid, price change and printing mistake reserved!

*EOL = End of Life, not recommended for new projects

*MOQ = Minimum Order Quantity



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